

Annex 13

*Annex to Chapter 13
of the Main Report*

Annex 13.1 Survey of Needs on Waste Exchange in Industrial Waste Management

1. General Information

| | | | | |
|---|---|--------------------|------|----------|
| 1 | Name of Company | (Thai) | | |
| | | (English) | | |
| 2 | Type of Industry | Type | | |
| | | Code (See Table 1) | Code | Sub-Code |
| | | | | |
| 3 | Factory Reg. No. (Factory License, Form Ror-Ngow.4) | | | |
| 4 | Address | Tel: | | |
| | | Fax: | | |
| | | E-mail: | | |
| 5 | Name of Respondent | | | |
| 6 | Position | | | |

2. Waste Exchange

2.1 Definition of Terminology

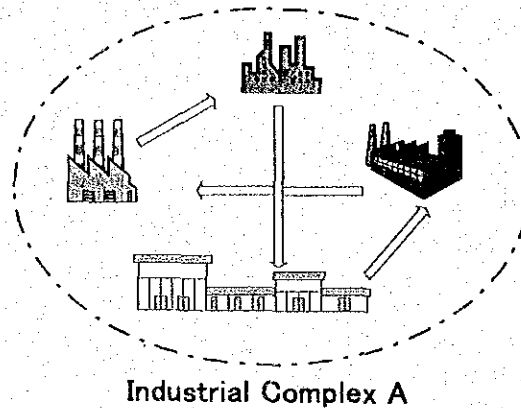
Waste: unwanted matter (solid, semi-solid, liquid and gas) that is left from your production process and associated office works.

Reuse : to use waste again, or repeatedly, without processing, or only with simple treatment (e.g. use a used bottle after rinsing);

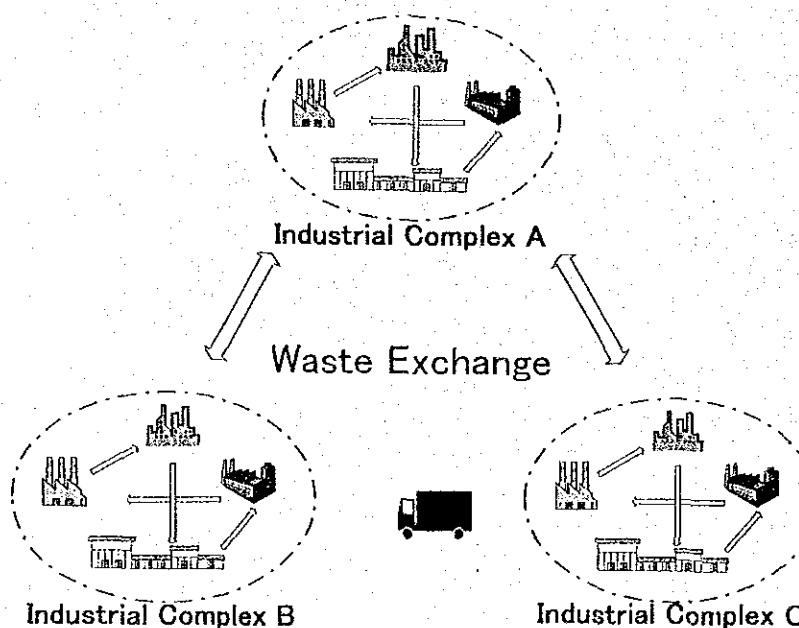
Recycle : to use waste again as raw material (including energy source) with chemical, physical and/or biological processing (e.g. producing plastic, compost from food waste).

Waste Exchange : Waste can be reused or recycled within one factory or more than two factories. The latter case, where waste from one factory is used (either reused or recycled) by another, is called **Waste exchange**. Waste exchange is categorized into following cases.

Case 1 : Waste Exchange within an industrial complex



Case 2 : Waste Exchange in a Wide Area



2.2 Questions for Waste Exchange

Please check in the correspond.

Q.1. Do you know the meaning of waste exchange concretely?

1. Yes.

2. No.

Q.2. Is your factory interested in waste exchange?

1. Yes.

2. No.

Q.3. Do you agree your company name to be appeared in Waste Exchange Database?

1. Yes.

2. No.

Q.4. Is your factory now involved in any kinds of waste exchange of industrial waste with other factories. (IW).

1. Yes.

(Please reply Q.5)

2. Yes and need additional exchange

(Please reply Q.5 and Q.6)

3. No.

(Please reply Q.6)

4. I don't know.

(Please reply Q.6)

Q.5. If your factory is involved in any kinds of waste exchange, please fill in Table 5.1 and / or Table 5.2 (In case the sheet is not enough, please copy and use it)

5.1 Waste Supplier

| Description | Sample | Waste 1 | Waste 2 | Waste 3 |
|---|--------------------------|---------|---------|---------|
| Type of Factory (Receiving Factory) | Printed Matter | | | |
| Industrial Code No. | G12-041 | | | : |
| Name of Factory | AA Company | | | |
| Address | | | | |
| Factory Reg. No. (Factory License form Ror-Ngow.4) | | | | |
| Type of Waste | Waste Acid | | | |
| Waste Code No * Refer to the attached table 2 | W01-01 | * | * | * |
| Name of Waste | Sulfuric Acid | | | |
| Condition (1.Solid,2.Liquid,3.Sludge,4.Powder,5.Others) | 2 | | | |
| Exchange Weight or Volume Supply (ton/year or m ³ /year) | 150 cu.m.3 | | | |
| Transport as (1.Bulk,2.Drum,3.Bag,4.Others) Please fill in number only. | 1. Supply by 4 ton lorry | | | |
| Condition of Exchange: Exchange of Waste (1.Free,2.Pay money, 3.Receive money,4.Others) | 1 | | | |
| Transportation Cost (1.Own,2.Opponent,3.Others) | 2 | | | |
| Usage of exchanged waste | Use as a neutralizer | | | |

* Waste Code is not applied for US EPA which is very complicated and time limited in this study. It can be used from the current existing table and identify it later or by the consultant.

5.2 Waste Receiver

| Description | Sample | Waste 1 | Waste 2 | Waste 3 |
|---|--------------------------------------|---------|---------|---------|
| Type of Factory (Supplier Factory) | Glass Prod. | | | |
| Industrial Code No. | G16-054 | | | |
| Name of Factory | BB Company | | | |
| Address | | | | |
| Factory Reg. No. (Factory License form Ror-Ngow.4) | | | | |
| Type of Waste | Waste Alkali | | | |
| Waste Code No * Refer to the attached table 2 | W02 | * | * | * |
| Name of Waste | Soda Slurry | | | |
| Condition (1.Solid,2.Liquid,3.Sludge,4.Powder,5.Others) | 2 | | | |
| Exchange Weight or Volume Supply (ton/year or m ³ /year) | 110 cu.m. | | | |
| Transport as (1.Bulk,2.Drum,3.Bag,4.Others) Please fill in number only. | 1 | | | |
| Condition of Exchange: Exchange of Waste (1.Free,2.Pay money, 3.Receive money,4.Others) | 1 | | | |
| Transportation Cost (1.Own,2.Opponent,3.Others) | 2 | | | |
| Usage of exchanged waste | Use as a neutralization agent. | | | |

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Q.6. In case your factory has intention to exchange any wastes generated in your factory to anybody interested, please fill in the "6.1 Supply Sheet" as follows. And in case your factory has intention to receive any wastes generated from other factories, please fill in the "6.2 Demand Sheet" as follows.

6.1 In case your factory intend to supply wastes:

Supply Sheet

| No | Description | | Example | Waste 1 | Waste 2 | Waste 3 |
|----|--|--|----------------------|---------|---------|---------|
| 1 | Type of Wastes | Code | W01-01 | * | * | * |
| | * : Refer to Table 2 | Name | Waste Acid | | | |
| 2 | Name of Industrial Waste | | Sulfuric Acid | | | |
| 3 | Origin of waste (concretely) | | Exhaust Gas Scrubber | | | |
| 4 | Current Stock (ton or m ³) | | 10m ³ | | | |
| 5 | Annual Generation (ton or m ³) | | 150m ³ | | | |
| 6 | Condition | Condition (1.Solid,2.Liquid, 3.Sludge,4.Poweder,5.Otheres) | 2 | | | |
| | | Water Content (%) | 99.8 | | | |
| | | pH | 2 - 4 | | | |
| | | Odor (1.yes,2.no) | 1 | | | |
| | | Oil Content (1.yes,2.no) | 2 | | | |
| | | Hazardous Matter (1.yes,2.no) | 2 | | | |
| | | Chemical Stability (1.stable,2.unstable) | 1 | | | |
| | | Contain of other particles (1.yes,2.no) | 1 | | | |
| | | Others | Red Color | | | |

| No | Description | Example | Waste 1 | Waste 2 | Waste 3 |
|----|--|---|---------|---------|---------|
| | | Corrosive action | | | |
| 7 | Report of Chemical Component Analysis (1. yes, 2.no) | 1 | | | |
| 8 | Submission of samples in advance (1.possible,2.impossible) | 1 | | | |
| 9 | Current Treatment (1 Own Treatment, 2 Subcontract out, 3.Subcontract out of final disposal only, 4.others) | 2 | | | |
| 10 | Rough Cost of Treatment (Baht/ton or m ³) | 120 Baht/m ³ | | | |
| 11 | Annual Potential Supply Volume (ton or m ³) | 110m ³ | | | |
| 12 | Available Period (1.Every month,2.2-3 months/time,3.4-6 months/time,4. Once a year) | 1 | | | |
| 13 | Stability of volume of supply (1.stable, 2.unstable) | 1 | | | |
| 14 | Condition of Supply | Supply as (1.Bulk, 2.Drum, 3.Bag, 4.Others) | 1 | | |
| | | Transport by (1. Truck, 2. Lorry, 3. Others) | 1 | | |
| | | Price (1.free, 2.Receive money (Baht/ton or m ³),3.Pay money (Baht/ton or m ³), 4.negotiable) | 1 | | |
| | | Transportation Cost(1.Supplyer will bear,2.Receiver will bear, 3.Negotiable) | 2 | | |
| | | Others (Concretely) | nil | | |
| 15 | Further Quality Improvement (1.no 2.negotiable) | 1 | | | |
| 16 | Potential Usage (Concretely) | Use as a neutralizer agent | | | |
| 17 | Suppliers assistance (1.visit for explanation, 2.Technical information is available,3.Technical assistance is available,4.others | 2 | | | |
| 18 | Other remarks | Mix with other minor particles | | | |

6.2 In case your factory intend to receive wastes:

Demand Sheet

| No | Description | | Example | Waste1 | Waste2 | Waste3 |
|----|---|---|-------------------|--------|--------|--------|
| 1 | Type of Wastes | Code | W02 | * | * | * |
| | * Refer to Table-2 | Name | Waste alkali | * | * | * |
| 2 | Name of Industrial Waste | | Soda slurry | | | |
| 3 | Condition | Condition (1.Solid,2.Liquid, 3.Sludge,4.Powder,5.Others) | 2 | | | |
| | | Waster Content (%) | Over 95 | | | |
| | | pH | Over 11 | | | |
| | | Odor (1.accept,2.not accept) | 1 | | | |
| | | Oil Content (1.accept, 2.not accept) | 2 | | | |
| | | Hazardous Matter (1.accept, 2.not accept) | 2 | | | |
| | | Chemical Stability (1.necessary, 2.not necessary) | 1 | | | |
| | | Mixture of other particles (1.accept,2.not accept) | 1 | | | |
| | | others | Red color | | | |
| 4 | Report of Chemical Component Analysis required 1.Yes , 2.No | | 1 | | | |
| 5 | Requirement of samples in advance (1.necessary, 2.not necessary) | | 1 | | | |
| 6 | Annual potential usage (ton or m ³) | | 110m ³ | | | |
| 7 | Receivable Time (1.continuous, 2.periodical, 3.few times a year) | | 1 | | | |

| No | Description | Example | Waste1 | Waste2 | Waste3 |
|----|---|-----------------------------|--------|--------|--------|
| 8 | Receivable volume (1.stable,2.unstable, 3.negotiable) | 1 | | | |
| 9 | Receivable conditions | | | | |
| | Receive as (1.bulk, 2.drum 3.bag, 4.others (concretely)) | 1 | | | |
| | Transport by (. Truck, 2. Lorry, 3. Others) | 1 | | | |
| | Price (1.free,2.pay money (Baht/ton or m ³), 3. receive money(Baht/ton or m ³), 4.negotiable) | 1 | | | |
| | Transportation cost (1.own transport,2.supplier will bear,3.negotiable) | 2 | | | |
| | other (concretely) | nil | | | |
| 10 | Potential usage (concretely) | Use as neutralization agent | | | |
| 11 | Other remarks | nil | | | |

----- *Thank you very much!!* -----

Table 1 : Code of Industry

Industry Code classified by the notification of the MOI No. 1 B.E. 2541(1998) issued pursuant to the Factory Act B.E. 2535 (1992)

| Code 'ISIC) | Sub Code | Description |
|-------------|----------|---|
| G01 | 001 | A factory engaged in tea or tobacco curing |
| | 002 | A factory engaged in producing any or more items of agricultural products. |
| | --- | Sub code 003 : Go to G33 |
| | 004 | A factory engaged in any or many activities connected with non-aquatic animals. |
| | 005 | A factory engaged in producing any or many items of milk. |
| | 006 | A factory engaged in any or many activities connected with aquatic animals. |
| | 007 | A factory engaged in producing any or many items of oil from vegetable or animal or fat from animal. |
| | 008 | A factory engaged in producing any or many activities connected with vegetable, plant, or fruit. |
| | 009 | A factory engaged in producing any or many activities connected with vegetable, plant grain or root. |
| G02 | 010 | A factory engaged in producing any or many items of food from flour. |
| | 011 | A factory engaged in producing any or many items of sugar from sugarcane, beech, sweet grass, or other plant. |
| | 012 | A factory engaged in producing any or many items of tea, coffee, cocoa, chocolate, or candy. |
| | 013 | A factory engaged in producing any or many items of ingredients or food flavorings. |
| | 014 | A factory engaged in producing of ice or cutting, mincing, or granulating ice. |
| G03 | 015 | A factory engaged in producing of any or many of animal feed. |
| | 016 | A factory distilling or blending alcoholic liquors. |
| | 017 | A factory producing ethyl alcohol, except ethyl alcohol made from sulfite residue in paper pulp production |
| | 018 | A factory producing or blending liquors from fruits |
| | 019 | A factory engaged in producing any or many of malt or beer. |
| | 020 | A factory engaged in producing any or many of drinking water, non-alcoholic beverage, carbonated water, or mineral water. |
| | 021 | A factory engaged in producing any or many item of tobacco, pipe tobacco, strip tobacco, chewing tobacco, or |
| G04 | 022 | A factory engaged in producing any or many item of textile, thread, or fiber other than asbestos. |
| G05 | 023 | A factory engaged in producing any or many item of textile products other than clothing. |
| | 024 | A factory engaged in knitting cloth, lace, or clothes with thread or fiber or in bleaching and dyeing or finishing cloth, lace, or clothes knitted with thread of fiber |
| | 025 | A factory engaged in producing mats or carpets by weaving, braiding, pleating, or tufting, except those made of rubber or plastic or linoleum |
| | 026 | A factory engaged in producing any or many item of rope, mesh, fishing net. |
| | 027 | A factory engaged in producing any or many item of products made by means other than weaving or braiding. |
| G06 | 028 | A factory engaged in producing any or many item of wearing apparel other than shoes. |
| G07 | 029 | A factory engaged in soaking, cutting, crushing or grinding, tanning, polishing and finishing, currying, embossing, or coloring animal hide |
| | 030 | A factory engaged in scraping, tanning, bleaching, dyeing, polishing or finishing fur |

| Code 'ISIC) | Sub Code | Description |
|-------------|----------|---|
| | 031 | A factory engaged in producing carpets or other articles from hide or fur |
| | 032 | A factory producing products or parts of products, which are not wearing apparel or footwear. |
| | 033 | A factory producing shoes or parts thereof, except those made of wood, vulcanized or molded rubber or plastic. |
| G08 | 034 | A factory engaged in producing any or many item of woodwork. |
| G09 | 035 | A factory engaged in production of containers or appliances from bamboo, rattan, straw, reed, bulrush, or water hyacinth |
| | 036 | A factory engaged in production of any or many items of products produced from wood or cork. |
| G10 | 037 | A factory engaged in productions of household furniture or building interior decorations from wood, glass, rubber, or non-metal, except household furniture or building interior decorations made of profile plastic, including parts thereof |
| G11 | 038 | A factory engaged in production of any or many item of paper. |
| | 039 | A factory engaged in production of receptacles from paper of every kind or fiberboard |
| | 040 | A factory engaged in production of any or many item of pulp, paper, or cardboard. |
| G12 | 041 | A factory engages in the business of printing, file manufacturing, bookbinding, cover producing, or finishing of printed matter. Producing metal mold |
| G13 | 042 | A factory engaged in production of any or many item of chemical substances, chemical compounds, or chemical materials which are not fertilizer. |
| | 043 | A factory engaged in production and handling of any or many items of fertilizer or pesticide. |
| | 044 | A factory engaged in production of synthetic resin, elastomer, plastic, or synthetic fiber, except fiberglass |
| | 045 | A factory engaged in production of any or many item of paint, varnish, lacquer, or calking or filling material. |
| | 046 | A factory engaged in production of any or many item of drug. |
| | 047 | A factory engaged in production of any or many item of soap, cosmetics, or body beautifying preparations. |
| | 048 | A factory engaged in production of any or many items of chemical substance. |
| | 049 | A factory engaged in refining petroleum |
| | 050 | A factory engaged in production of any or many items of products from petroleum, coal, or lignite. |
| G14 | 051 | A factory engaged in producing, repairing, or rethreading tires or tubes for vehicles mechanically driven or driven by man or animal |
| | 052 | A factory engaged in production of any or many items of rubber. |
| G15 | 053 | A factory engaged in production of any or many items of plastic products. |
| G16 | 054 | A factory engaged in production of glass, fiberglass, or glassware |
| | 055 | A factory engaged in production of porcelain or ceramics, including preparations therefore |
| | 056 | A factory engaged in production of brick, tile, or pipe for construction of crucible, architectural terracotta, stoves lining, chimney pipe or top, or refractory from clay |
| | 057 | A factory engaged in production of any or many items of cement, lime, or plaster. |
| | 058 | A factory engaged in production of any or many items of non-metallic products. |
| | 059 | A factory engaged in smelting, fusing, casting, rolling, or drawing or producing iron and steel basic industries |
| | 060 | A factory engaged in smelting, alloying, refining, melting, casting, rolling, drawing, or producing non-ferrous metal basic industries |

| Code *ISIC) | Sub Code | Description |
|----------------|-------------|--|
| G18 | 061 | A factory engaged in producing, finishing, altering, or repairing tools or appliances made of iron or steel, including accessory or equipment thereof |
| | 062 | A factory engaged in producing, finishing, or repairing household furniture or building interior decorations made from or mainly from metal, including parts or accessory thereof |
| G19 | 063 | A factory engaged in production of any or many items of metal products for construction or installation. |
| G20 | 064 | A factory engaged in production of any or many items of metal products. |
| G21 | 065 | A factory engaged in producing, assembling, altering, or repairing engines, turbines, including components or accessories thereof. |
| | 4 066 | A factory engaged in producing, assembling, altering, or repairing machinery, including components or accessories thereof, for agriculture or livestock raising |
| G22 | 067 | A factory in dealing with any or many items of machines for producing metal or wood products, including component or equipment thereof. |
| G23 | 068 | A factory engaged in producing, assembling, altering, or repairing machinery for paper chemical, food, textile, printing, cement, clay work, construction, mining, petroleum drilling, or oil refining industries, including component or equipment thereof |
| G24 | 069 | A factory engaged in producing, assembling, altering, or repairing calculating machines, accounting machines, machines for card punching system, digital or analog computers or associated electronic data processing equipment or accessories, cash registers, |
| | 070 | A factory engaged in producing, assembling, altering, or repairing water pumps, air or gas compressors, blowers, air conditioners or ventilators, sprinkling-type fire extinguishers, refrigerators or their components, automatic vending machines, washing, la |
| G25 | 071 | A factory engaged in producing, assembling, altering, or repairing machines or products under No. 70, using electrical power, electric motor, generator, transformer, switch gear or switchboard, rectifier, electrical distribution board, electrical control |
| | 072 | A factory engaged in producing, assembling, altering, or repairing radio sets, television sets, sound amplifiers or recorders, gramophones, dictaphones, tape recorders, video tape players or recorders, records, pre-recorded magnetic tapes, wire- or wire |
| | 073 | A factory engaged in producing, assembling, or altering electric instruments or appliances not included in any serial number, including component or equipment thereof |
| G26 | 074 | A factory engages in producing of any or many items of electric equipment. |
| G27 | 075 | A factory engages in any or many activities connected with ships. |
| | 076 | A factory engages in producing of any or many items of trains, streetcars, or cable cars. |
| | 077 | A factory engages in any or many activities connected with cars or trailers. |
| G28 | 078 | A factory engages in any or many activities connected with motorcycles, tricycles, or bicycles. |
| | 079 | A factory engages in any or many activities connected with aircraft or hovercraft. |
| | 080 | A factory engaged in producing, assembling, altering, or repairing hand-drawn or animal-drawn wheeled vehicles, which are not cycles, including components or accessories thereof |
| G29 | 081 | A factory engages in any or many activities connected with scientific or medical instrument or tools. |

| Code *ISIC) | Sub Code | Description |
|----------------|-------------|--|
| | 082 | A factory engaged in producing ophthalmic instruments, lenses, optical instruments, or photographic or photocopying equipment |
| | 083 | A factory engaged in producing or assembling watches or clocks, timing devices, or parts thereof |
| | 084 | A factory engaged in any or many activities connected with diamond, gems, gold, silver, copper alloy, or precious stone. |
| G30 | 085 | A factory engaged in producing musical instruments, including parts or equipment thereof |
| | 086 | A factory engaged in producing or assembling tools or instruments for sports, physical exercise, billiard, bowling, or angling, including parts or equipment thereof |
| | 087 | A factory engages in any or many activities connected with toys, tools or instruments not specified in any other serial number. |
| G31 | 088 | A factory engaged in generating, supplying, or distributing electric power |
| | 089 | A factory engaged in producing non-natural gas, supplying, or distributing gas |
| | 090 | A factory engaged in providing, purifying, or distributing to buildings or industrial works |
| | 091 | A factory engaged in packaging or filling goods which are not produced by it |
| | 092 | A cold storage |
| | 093 | A factory engaged in repairing footwear or leatherwear |
| G32 | 094 | A factory engaged in repairing household or personal electrical instruments or appliances |
| | 095 | A factory engaged in any or many activities connected with engine-driven vehicles, trailers, motorcycles, bicycles, including components or accessories thereof. |
| G33 | 003 | A factory engaged in any or many activities connected with stone, gravel, sand, or dirt for construction. |
| | 096 | A factory engaged in repairing watches or clocks, timing devices, or ornaments made of diamond, gems, gold, platinum, silver, copper alloy, or precious stone |
| | 097 | A factory engaged in repairing products not specified in any serial number |
| | 098 | A factory engaged in laundering, dry cleaning, ironing, pressing, or dyeing clothes, carpets, or fur |
| | 099 | A factory engaged in producing, repairing, altering, or modifying firearms, ammunition, explosive, weapon or other object having power to kill, destroy, or disable as firearms, ammunition, or explosive, including accessories thereof |
| | 100 | A factory engaged in any or many activities connected with improving or changing qualities of products or components thereof without production. |
| | 101 | A central waste treatment plant |
| | 102 | A factory engaged in producing or generating steam |
| | 103 | A factory engaged in any or many activities connected with salt. |
| | 104 | A factory engaged in producing, assembling, altering, or repairing boilers or containers for boiling water using liquid or gas as heat conducting medium, pressure-resistant vessels, including components or equipment thereof |

Table 2-1 : Non-Hazardous Industrial Waste

The definition of NHIW follows the annex of the notification of the MOI No.1 B.E. 2541 (1998) issued pursuant to the Factory Act B.E. 2535(1992). It stipulates types of Non-HIW as below table.

| Type of Non-Hazardous Waste | Non-Hazardous Waste Code |
|--|--------------------------|
| Waste from tree such as root, leave | C01-01 |
| Waste from animal such as bone, skin, hair | C01-02 |
| Wood | C02 |
| Paper | C03 |
| Plastic or polymers and resins | C04 |
| Textile | C05 |
| Grease, animal oil, vegetable oil | C06 |
| Natural rubbers | C07 |
| Metals and metal alloys such as aluminum, copper, bronze | C08 |
| Ceramic | C09-01 |
| Glasses | C09-02 |
| Stone, sand or material that have composition of soil such as tile, brick, gypsum, | C10 |
| Mixed waste | C11 |
| Others | C12 |

Table 2-2 : Hazardous Industrial Waste

Hazardous waste is defined in details in the notification of the MOI No. 6. B.E. 2540(1997) issued pursuant to the Factory Act B.E. 2535(1992). In this survey, HIW is classified shown in the following table.

| Type of Hazardous Waste | Hazardous Waste Code | Example of Hazardous Waste |
|---|----------------------|--|
| Inorganic acid | W01-01 | Sulfuric acid (H ₂ SO ₄), Hydrochloric acid (HCl), Nitric acid (HNO ₃), Phosphoric acid (H ₃ PO ₄), Other inorganic acids |
| Organic acid | W01-02 | Acetic acid (CH ₃ COOH), Formic acid (HCOOH), Other organic acids |
| Alkalis | W02 | Caustic soda (NaOH), Ammonia (NH ₃), Sodium carbonate (Na ₂ CO ₃), Other alkaline materials |
| Heavy Metal Compounds | W03-01 | Salts |
| | W03-02 | Toxic salts (Hg, As, Ca, Pb, Cr, etc) |
| | W03-03 | Heavy metal other than the above |
| Liquid Inorganic Compounds | W04-01 | Plating wastes, Cyanides |
| | W04-02 | Liquid inorganic compounds other than the above |
| Solid Inorganic Compounds | W05 | Asbestos, Slag, Silt |
| Organic Compounds | W06-01 | Reactive chemical wastes (Oxidizing agents, Reducing agents, etc) |
| | W06-02 | Solvents |
| | W06-03 | Organic compounds other than the above |
| Polymer Materials | W07-01 | Epoxy resin, Chelate resin, Polyurethan resin |
| | W07-02 | Latex rubber |
| | W07-03 | Polymer materials other than the above |
| Fuel, Oil and Grease | W08-01 | Inebriating oil (Engine oil, Grease, etc) |
| | W08-02 | Chlorinated solvents (Trichloroethylene, Methylene chloride, etc) |
| | W08-03 | Oil waste other than the above |
| Fine Chemicals and Biocides | W09 | Pesticide, Medicine |
| Picking Waste | W10 | --- |
| Filter Materials, Treatment Sludge | W11-01 | Inorganic sludge |
| | W11-02 | Organic sludge |
| Other Toxic substance (besides W01-W11) | W12-01 | If waste in item Non-HIW is mixed or contaminated with the wastes according to Industrial Ministry Act No. 6 (Year 1997) issued date 29 October Year 1997, it will be considered that it is not the waste according to this act. |
| | W12-02 | Waste from specific industrial processes |
| | W12-03 | Chemical dust, Chemical container etc. |

Annex 13.2 Findings of the Survey

a. Opinions about Waste Exchange

Q.1. Do you know the meaning of waste exchange concretely?

| Q.1 Base = 1014 Factories | Answer | % |
|---------------------------|--------|-------|
| 1.Yes | 757 | 74.7 |
| 2.No | 257 | 25.3 |
| Total | 1,014 | 100.0 |

Q.2. Is your factory interested in waste exchange?

Answers to this question are shown with those to Q.1 below.

| Q.2. Base = 1014 Factories | Q.2 Is your factory interested in waste exchange? | |
|--------------------------------|---|--------------|
| | Yes. | No. |
| Q.1 Do you know the meaning of | 436 (43.0 %) | 321 (31.7 %) |

| | | | |
|----------------------------|-----|--------------|--------------|
| waste exchange concretely? | No. | 126 (12.4 %) | 131 (12.9 %) |
| Total | | 562 (55.4 %) | 452 (44.6%) |

Finding 1

55.4% (562) of factories are interested in waste exchange. The factory survey results indicate 81% of 215 factories are interested, but the breakdown of it consists of 2 groups; i.e. Group A. (25%): answered "Yes, very much." and Group B. (56%): "Yes, to some extent." If half of Group B answered to the Q.2. above "2. No", the results of this survey and factory survey come to similar.

Q.3. Do you agree your company name to be appeared in Waste Exchange Database?

Answers to this question are shown with those to Q.2 below.

| Q.3 Base = 1014 factories | | Q.3 Do you agree your company name to be appeared in Waste Exchange Database? | |
|---|------|---|--------------|
| | | Yes. | No. |
| Q.2 Is your factory interested in waste exchange? | Yes. | 393 (38.7 %) | 169 (16.7 %) |
| | No. | 2 (0.2 %) | 450 (44.4 %) |
| Total | | 395 (39.0%) | 619 (61.0%) |

Finding 2

The results of Q.2 indicate:

- More than 55 % of factories (562) are interested in waste exchange, but about 30 % (169) of the 562 factories do not agree to open their name to the waste exchange database.
- Over 60% (619) of factories refused to open names of companies. This was also one of the most difficult obstacle to promote waste exchange program in Japan.

Q.4. Is your factory now involved in any kinds of waste exchange of industrial waste with other factories?

Answers to this question are shown with those to Q.2 below.

| Q.4 Base = 1014 Factories | | Q.4 Is your factory now involved in any kinds of waste exchange of industrial waste with other factories. | | | |
|---|------|---|----------------------------------|--------------|--------------|
| | | Yes. | Yes and need additional exchange | No. | I don't know |
| Q.2 Is your factory interested in waste exchange? | Yes. | 133 (13.1 %) | 240 (23.7 %) | 184 (18.1 %) | 5 (0.5 %) |
| | No. | 266 (26.2 %) | 1 (0.1 %) | 159 (15.7 %) | 26 (2.6 %) |
| Sub-Total | | 399 (39.3%) | 241 (23.8%) | 343 (33.8) | 31 (3.1%) |

| | | | |
|-------|----------------|--|--|
| Total | 640 (63.1%) | | |
|-------|----------------|--|--|

Finding 3

The results bring about the following facts:

- At present more than 63 % of factories (640) are involved in waste exchange of IW. Furthermore, about 38 % (241) of the 640 factories need additional waste exchange.
- 184 factories among 562 factories, which replied in Q.2 "Yes, interested in.", is considered to be new comers of waste exchange. Because they do not have any experiences.
- However, 266 factories among 452 factories, which replied in Q.2 "No, not interested in.", might be disillusioned on the waste exchange due to their experiences of it.

b. Current Waste Management

Q.5. Existing waste management in your factory. (Plural answers are allowed and Base of answer is 1,014.)

| Q.5 Base = 1014 Factories | Number of Factories | Proportion to the total of 1,014 factories (%) |
|---------------------------------------|---------------------|--|
| 1.Treatment (Go to Q.6 & Q.7) | 449 | 44.3 |
| 2.Storage (Go to Q.7) | 38 | 3.7 |
| 3.Recycle in your factory (Go to Q.7) | 137 | 13.5 |
| 4.Waste Exchange | 578 | 57.0 |
| 5.Others | 84 | 8.3 |
| 1 and 2 (Go to Q.6 & Q.7) | 4 | 0.4 |
| 1 and 3 (Go to Q.6 & Q.7) | 23 | 2.3 |
| 1, 3, and 4 (Go to Q.6 & Q.7) | 1 | 0.1 |
| 1 and 4 (Go to Q.6 & Q.7) | 4 | 0.4 |
| 2 and 3 | 2 | 0.2 |
| 2 and 4 | 2 | 0.2 |
| 3 and 4 | 48 | 4.7 |
| Total | 1286 | --- |

Finding 3

The results indicate more than 60% (610) of factories are conducting waste exchange at present.

Q.6. Current Treatment

| Q.6 Base = 481 Factories | Answer | % |
|--------------------------|--------|------|
| 1.Own Treatment | 110 | 22.9 |

| | | |
|-------------------|-----|------|
| 2.Subcontract out | 259 | 53.8 |
| 3.Others | 162 | 33.7 |
| 4.No answer | 5 | 1.0 |
| Total | 536 | --- |

Finding 4

More than 47 % (481) of factories treat their wastes and more than 50 % (259) of the 481 contracts out the treatment work to the other organizations.

Q.7. Rough Cost of Treatment (Baht/ton or m3)

The team received the replies on 232 wastes from 126 factories. The tables below presents preliminary results of the survey.

| Q.7 Non-HW | | | | | | | | | | | | |
|------------------|---|-------|-------|-------|---|-------|-------|-------|--------------------------------------|------|-----|-----|
| Study Waste Code | Q.6 : Answer 1. Own Treatment (Baht/ton) | | | | Q.6 : Answer 2. Subcontract out (Baht/ton) | | | | Q.6 : Answer 3. Others (Baht/ton) | | | |
| | Nos. of Sample | Ave. | Min | Max | Nos. of Sample | Ave. | Min | Max | Nos. of Sample | Ave. | Min | Max |
| | C01-01 | | | | | 1 | 300 | 300 | 300 | | | |
| C01-02 | | | | | 2 | 1,300 | 400 | 2,200 | | | | |
| C02 | 2 | 175 | 150 | 200 | 1 | 1,400 | 1,400 | 1,400 | | | | |
| C03 | 1 | 1,400 | 1,400 | 1,400 | 3 | 171 | 0 | 380 | 1 | 600 | 600 | 600 |
| C04 | | | | | 8 | 1,568 | 8 | 3,000 | | | | |
| C05 | 1 | 1,200 | 1,200 | 1,200 | | | | | 3 | 1 | 1 | 1 |
| C06 | | | | | 4 | 300 | 100 | 450 | | | | |
| C07 | | | | | 3 | 1,070 | 250 | 2,600 | | | | |
| C08 | | | | | 1 | 0 | 0 | 0 | | | | |
| C09-01 | | | | | 1 | 2,000 | 2,000 | 2,000 | | | | |
| C10 | | | | | 4 | 1,400 | 1 | 2,000 | | | | |
| C11 | 1 | 4,485 | 4,485 | 4,485 | | | | | | | | |
| C12 | 2 | 1,123 | 500 | 1,745 | 18 | 1,840 | 0 | 4,000 | 1 | 600 | 600 | 600 |

| Q.7 HW | | | | | | | | |
|------------------|---|-------|-------|-------|---|--------|-------|--------|
| Study Waste Code | Q.6 : Answer 1. Own Treatment (Baht/ton) | | | | Q.6 : Answer 2. Subcontract out (Baht/ton) | | | |
| | Nos. of Sample | Ave. | Min | Max | Nos. of Sample | Ave. | Min | Max |
| | W01-01 | | | | | 5 | 4,460 | 0 |
| W02 | 1 | 3 | 3 | 3 | 2 | 5,100 | 200 | 10,000 |
| W03-01 | | | | | 2 | 5,300 | 3,000 | 7,600 |
| W03-02 | | | | | 6 | 10,767 | 3,000 | 16,400 |
| W03-03 | | | | | 3 | 9,800 | 7,000 | 13,400 |
| W04-01 | | | | | 4 | 8,038 | 350 | 20,000 |
| W04-02 | | | | | 4 | 1,475 | 100 | 2,000 |
| W05 | | | | | 2 | 1,400 | 800 | 2,000 |
| W06-02 | 2 | 2,000 | 1,000 | 3,000 | 16 | 7,669 | 200 | 27,000 |

| | | | | | | | | |
|--------|---|-------|-------|--------|----|--------|-------|--------|
| W07-01 | | | | | 4 | 14,975 | 5,000 | 21,000 |
| W07-02 | | | | | 1 | 3,000 | 3,000 | 3,000 |
| W07-03 | | | | | 3 | 1,467 | 1,000 | 2,000 |
| W08-01 | 4 | 2,800 | 1,000 | 6,000 | 18 | 6,164 | 200 | 20,000 |
| W08-02 | | | | | 6 | 5,867 | 1,000 | 20,000 |
| W08-03 | | | | | 5 | 3,360 | 1,000 | 6,500 |
| W09 | | | | | 4 | 10,125 | 200 | 27,000 |
| W10 | | | | | 1 | 1,500 | 1,500 | 1,500 |
| W11-01 | | | | | 26 | 5,042 | 200 | 24,000 |
| W11-02 | 1 | 80 | 80 | 80 | | | | |
| W12-01 | | | | | 9 | 6,878 | 1,000 | 13,000 |
| W12-02 | 2 | 7,500 | 3,000 | 12,000 | 22 | 8,773 | 1,200 | 16,000 |
| W12-03 | | | | | 20 | 10,051 | 8 | 20,000 |

c. Current Waste Exchange

The result suggests that waste is very actively exchanged among the industries in the study area. Waste currently exchanged is summarised in Table 13-1 and Table 13-2.

Table 13-1: Waste Currently Exchanged (Answers from Suppliers)

| Study Waste Code* | Number of Waste | Description |
|-------------------|-----------------|--|
| C01-01 | 12 | Baked Bean, Coconut, Corn powder, Humus, etc. |
| C01-02 | 27 | Shrimp, Fish, Squid, Chicken (hair, head), Skin, etc. |
| C02 | 110 | Chip, Sawdust, Plywood, Pallet, wood box, etc. |
| C03 | 180 | Card board, Paper bag, Thread cores, Pulp, etc. |
| C04 | 135 | Plastic (Core, Grain, Scrap), Polymer, PVC, Foam, etc. |
| C05 | 108 | Thread, Piece of Cloth, Cotton fiber, Yarn, Wool, etc. |
| C06 | 7 | Animal oil, Bee's waste, Vegetable oil, etc. |
| C07 | 10 | Natural Rubber sheet etc. |
| C08 | 285 | Iron, Aluminium, Copper, Drum 200l, Wire, Tin, etc. |
| C09-02 | 9 | Bottles, Piece of glass, etc. |
| C10 | 16 | Soil, Cement, Sand, Plaster, Concrete, etc. |
| C11 | 3 | Expired Food, Metal sediment, Wood |
| C12 | 20 | Sludge, Sponge, Fiber, Animal feed, etc. |
| W01-01 | 5 | HCl, Cupric Chloride, etc. |
| W02 | 2 | Alkali, Soda Sludge |
| W03-02 | 11 | Lead, Battery plat, etc. |
| W03-03 | 7 | Zinc (Dross, ash), Wire dust, Nickel scrap, etc. |
| W04-02 | 1 | Corrosive Liquid from Gold |
| W05 | 1 | Slag |
| W06-02 | 20 | Thinner, Methyl Ketone, Toluene, etc. |
| W07-01 | 3 | PVC |

| | | |
|--------|-------|---|
| W07-03 | 4 | PVC, |
| W08-01 | 91 | Engine Oil, Lubricating Oil, etc. |
| W08-02 | 3 | Chlorinated sludge, Tridiro ethylene, shell sil |
| W08-03 | 10 | Cooling oil, Transfomer oil, etc. |
| W10 | 2 | Alkali, Picking waste |
| W11-01 | 4 | Activated carbon, Sulfuric sludge |
| W11-02 | 2 | Organic sludge |
| W12-01 | 3 | PVC, Glue container |
| W12-02 | 11 | Thinner, White benzene, etc. |
| W12-03 | 37 | Chemical container, Paint container, etc. |
| Total | 1,139 | --- |

Table 13-2: Waste Currently Received (Answers from Demanders)

| Study Waste Code* | Number of Waste | Description |
|-------------------|-----------------|--------------------------------|
| C01-02 | 1 | Waste from animal |
| C02 | 3 | Wood |
| C05 | 1 | Textile |
| C08 | 11 | Metal , Metal Alloy, Aluminium |
| C10 | 1 | Gypsum |
| W01-01 | 1 | Waste acid |
| W06-02 | 1 | Solvent |
| Total | 19 | --- |

Finding 5

At present 625 factories in total supply 1,139 categories of wastes for waste exchange of IW. However, only 13 factories in total use 19 categories of wastes from waste exchange.

The team examines the contents of the waste exchange; i.e. primary receiver of wastes for waste exchange as shown in the table below.

Table 13-3: Primary Receivers of Wastes for Waste Exchange

| Base = 625 factories | Answer | % |
|---------------------------------|--------|-------|
| General Receiver | 891 | 78.1 |
| Factory | 225 | 19.8 |
| Cement Factory | 9 | 0.8 |
| A Central Waste Treatment Plant | 4 | 0.4 |
| Export (to Japan) | 1 | 0.1 |
| NA | 9 | 0.8 |
| Total | 1139 | 100.0 |

Finding 6

The above table indicates:

- Over 78% of primary receivers is so called the Por Kha Khong Gao (general receivers).
- 8 kinds of wastes among 9 wastes sent to cement factories are oil and the other one is organic compound.
- The breakdown of the recipient factories of the 225 kinds of wastes supplied from 158 factories is presented in the table below.

Table 13-4: Breakdown of Recipient Factories of 225 Wastes Sent

| Base = 158 factories | | |
|----------------------|--|---------------|
| Study Code | Description of Industries | Nos. of Waste |
| G01 | Food (agricultural product, non-aquatic animals, aquatic animals etc.) | 6 |
| G02 | Food (flour, sugar, tea, ice etc.) | 16 |
| G03 | Drink, Beverage | 1 |
| G04 | Textile, Thread, Fibre | 10 |
| G05 | Textile product (Clothes, mats etc.) | 6 |
| G07 | Hide, Fur, Footwear | 1 |
| G08 | Woodwork (any or many items) | 9 |
| G09 | Woodwork (bamboo, rattan, straw, cork etc.) | 4 |
| G10 | Furniture | 3 |
| G11 | Paper, Cardboard | 15 |
| G12 | Printed matter | 1 |
| G13 | Chemical matter, Petroleum | 35 |
| G14 | Rubber | 6 |
| G15 | Plastic product | 18 |
| G16 | Glassware, Ceramics, Non-Metallic Matter | 6 |
| G17 | Steel basic industries, Non-ferrous metal basic industries | 45 |
| G18 | Metal product (tools, appliances, household furniture, building interior etc.) | 1 |
| G19 | Metal product (construction, installation) | 2 |
| G20 | Metal product (others) | 22 |
| G22 | Machines (for producing metal or wood products) | 1 |
| G24 | Machines (calculating machines, Accounting machines, Water pumps, air or gas compressors etc.) | 1 |
| G26 | Electric product (Electric Equipment) | 2 |
| G28 | Transportation machines (Motorcycles, Tricycles, Bicycles, Aircraft, Wheeled vehicles etc.) | 1 |
| --- | No answer | 13 |
| Total | | 225 |

d. Interest in Waste Exchange

The result indicates that the respondents have interest in waste exchange. Most of interested factories, however, are keen to supply their waste; much fewer factories answered that they want to receive waste. The following tables show a list of waste available to be supplied and that of waste demanded by respondent factories according to this survey.

Table 13-5: List of Waste Available for Supply

| Study Waste Code* | Number of Factories that can supply | Description |
|-------------------|-------------------------------------|---|
| C01-01 | 6 | Waste of Tree |
| C01-02 | 18 | Waste from Animal |
| C02 | 53 | Wood |
| C03 | 76 | Paper |
| C04 | 76 | Plastic, Polymer, Resin, etc. |
| C05 | 49 | Textile |
| C06 | 8 | Vegetable oil, Animal oil, Animal fat, etc. |
| C07 | 13 | Natural rubber |
| C08 | 119 | Metal, Metal alloy, Mixed metal, etc. |
| C09-01 | 4 | Ceramic |
| C09-02 | 3 | Glass |
| C10 | 27 | Sand, Cement, Stone, Gypsum, etc. |
| C11 | 7 | Mixed waste |
| C12 | 53 | color wash powder, Treatment sludge, etc. |
| W01-01 | 17 | Inorganic acid |
| W01-02 | 1 | Organic acid |
| W02 | 10 | Alkali |
| W03-01 | 2 | Heavy metal compound |
| W03-02 | 19 | Heavy metal compound, Heavy metal |
| W03-03 | 16 | Heavy metal compound, Heavy metal, etc. |
| W04-01 | 3 | Plating Waste |
| W04-02 | 6 | Liquid Inorganic compound |
| W05 | 5 | Solid Inorganic compound |
| W06-02 | 35 | Organic compound, Solvent |
| W06-03 | 1 | Organic compound |
| W07-01 | 7 | Polymer material |
| W07-02 | 2 | Polymer material |
| W07-03 | 4 | Polymer material |
| W08-01 | 60 | Oil, Grease |
| W08-02 | 15 | Chlorinated solvent, Fuel, Methylene chloride |
| W08-03 | 21 | Oil, Fuel, etc. |
| W09 | 1 | Fine chemical and Biocide |

| | | |
|--------|-----|--|
| W10 | 3 | Picking waste |
| W11-01 | 39 | Treatment sludge, Filter material |
| W11-02 | 3 | Picking waste |
| W12-01 | 13 | Other Toxic substance |
| W12-02 | 51 | Waste from Specific Process, Other Toxic substance, etc. |
| W12-03 | 40 | Other Toxic substance, Chemical container, etc. |
| Total | 886 | --- |

*See Annex A for the waste code.

Table 13-6: Waste Demanded

| Study Waste Code* | Number of Waste | Description |
|-------------------|-----------------|--------------------|
| C01-02 | 3 | Waste from Animal |
| C02 | 5 | Wood |
| C04 | 2 | Polymer |
| C05 | 3 | Textile |
| C08 | 14 | Metal, Metal Alloy |
| C10 | 2 | Gypsum, Stone |
| W01-01 | 2 | Inorganic acid |
| W01-02 | 3 | Organic acid |
| W02 | 5 | Alkali |
| W07-02 | 1 | Polymer material |
| W08-01 | 2 | Oil |
| W12-03 | 1 | Chemical dust |
| Total | 43 | --- |

*See Annex A for the waste code.

Finding 7

374 factories in total intend to supply 886 categories of wastes for waste exchange program of IW. However, only 31 factories in total want to use 43 categories of wastes from waste exchange program.

Annex 13.3 Details of Candidates of Target Waste

| Information of Demander | | | | | Information of Supplier | | | |
|-------------------------|------------|----------|--------------------|------------------|-------------------------|------------|----------|---|
| Factory No. | Study Code | DIW Code | Type of Waste Code | Name of Waste | Nos. of Factory | Study Code | DIW Code | Name of IW |
| F01-00 | G01 | 006 | C01-02 | Bone, Skin, Meat | 1. | G01 | 004 | Shrimp and Fish Waste |
| | | | | | 2. | G01 | 006 | Squid Waste |
| | | | | | 3. | G01 | 006 | Fish Bone |
| | | | | | 4. | G01 | 006 | Fish Waste |
| | | | | | 5. | G01 | 006 | Head, skin of fish |
| | | | | | 6. | G30 | 085 | Animal Skin |
| | | | | | 7. | G30 | 086 | Sheep Skin |
| | | | | | 8. | G31 | 092 | Fish Waste |
| F02-00 | G01 | 008 | W02 | Soda Slurry | 1. | G03 | 020 | Caustic soda (NaOH) |
| | | | | | 2. | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 3. | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 4. | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 5. | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 6. | G20 | 064 | Caustic soda (NaOH) |
| F03-00 | G04 | 022 | W01-01 | Acid | 1. | G01 | 007 | Sulfuric acid (H ₂ SO ₄) |
| | | | | | 2. | G12 | 041 | Inorganic Acid |
| | | | | | 3. | G13 | 042 | Inorganic Acid |
| | | | | | 4. | G13 | 050 | Perchloric acid, Xylene, Hydrochloric acid (HCl) |
| | | | | | 5. | G14 | 052 | Inorganic Acid |
| | | | | | 6. | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 7. | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 8. | G17 | 059 | Inorganic Acid |
| | | | | | 9. | G19 | 064 | Hydrochloric acid (HCl) |
| | | | | | 10. | G20 | 064 | Hydrochloric acid (HCl) |
| | | | | | 11. | G24 | 069 | Acid Waste |
| | | | | | 12. | G25 | 072 | Hydrochloric acid (HCl), Hydrogen peroxide (H ₂ O ₂) |
| | | | | | 13. | G25 | 072 | Cupric Chloride |
| | | | | | 14. | G28 | 078 | Hydrochloric acid (HCl) |
| F04-01 | G04 | 022 | W01-02 | Acetic acid | 1. | G14 | 052 | Acetic Acid (CH ₃ COOH) |
| F04-02 | G04 | 022 | W02 | Caustic Soda | 1. | G03 | 020 | Caustic soda (NaOH) |
| | | | | | 2. | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 3. | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 4. | G13 | 047 | Caustic soda (NaOH) |

| | | | | | | | | |
|--------|-----|-----|--------|--|----|-----|-----|--|
| | | | | | 5 | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 6 | G20 | 064 | Caustic soda (NaOH) |
| F05-00 | G04 | 022 | W01-02 | Organic Acid | 1 | G14 | 052 | Acetic Acid (CH ₃ COOH) |
| F06-00 | G04 | 022 | W01-02 | Sulfuric acid, Hydrochloric acid, Other Organic Acid | 1 | G01 | 007 | Sulfuric acid (H ₂ SO ₄) |
| | | | | | 2 | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 3 | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 4 | G19 | 064 | Hydrochloric acid (HCl) |
| | | | | | 5 | G20 | 064 | Hydrochloric acid (HCl) |
| | | | | | 6 | G20 | 064 | Hydrochloric acid (HCl) |
| | | | | | 7 | G25 | 072 | Hydrochloric acid (HCl), Hydrogen peroxide(H ₂ O ₂) |
| | | | | | 8 | G28 | 078 | Hydrochloric acid (HCl) |
| | | | | | 9 | G29 | 082 | Sulfuric acid (H ₂ SO ₄) |
| F07-00 | G04 | 022 | W08-01 | Oil Waste | 1 | G01 | 004 | Oil (Lubricating Oil) |
| | | | | | 2 | G01 | 005 | Oil (Engine Oil) |
| | | | | | 3 | G01 | 006 | Oil (Engine Oil) |
| | | | | | 4 | G01 | 006 | Oil (Engine Oil) |
| | | | | | 5 | G04 | 022 | Oil (Engine Oil) |
| | | | | | 6 | G04 | 022 | Oil (Engine Oil) |
| | | | | | 7 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 8 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 9 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 10 | G06 | 028 | Oil (Lubricating Oil) |
| | | | | | 11 | G07 | 032 | Oil (Hydraulic Oil) |
| | | | | | 12 | G11 | 040 | Oil (Engine Oil) |
| | | | | | 13 | G12 | 041 | Oil (Engine Oil) |
| | | | | | 14 | G12 | 041 | Oil (Lubricating Oil) |
| | | | | | 15 | G13 | 044 | Oil (Lubricating Oil) |
| | | | | | 16 | G13 | 044 | Oil Waste |
| | | | | | 17 | G13 | 046 | Oil (Lubricating Oil) |
| | | | | | 18 | G13 | 047 | Oil (Engine Oil) |
| | | | | | 19 | G13 | 047 | Oil (Lubricating Oil) |
| | | | | | 20 | G14 | 051 | Oil (Engine Oil) |
| | | | | | 21 | G15 | 053 | Oil (Engine Oil) |
| | | | | | 22 | G15 | 053 | Oil (Engine Oil) |
| | | | | | 23 | G15 | 053 | Oil (Lubricating Oil) |
| | | | | | 24 | G15 | 053 | Oil (Lubricating Oil) |
| | | | | | 25 | G16 | 055 | Oil (Lubricating Oil) |
| | | | | | 26 | G16 | 058 | Oil (Lubricating Oil) |
| | | | | | 27 | G17 | 059 | Oil (Lubricating Oil) |
| | | | | | 28 | G17 | 059 | Oil (Lubricating Oil) |
| | | | | | 29 | G17 | 060 | Water Mixture Emulsion |
| | | | | | 30 | G18 | 062 | Oil (Lubricating Oil) |
| | | | | | 31 | G19 | 063 | Oil (Lubricating Oil) |

13-24

| | | | | |
|--------|-----|-----|-----|-----|
| F08-00 | G05 | 027 | C04 | PVC |
|--------|-----|-----|-----|-----|

| | | | |
|----|-----|-----|---|
| 32 | G20 | 064 | Oil (Engine Oil) |
| 33 | G20 | 064 | Oil (Engine Oil) |
| 34 | G20 | 064 | Oil (Engine Oil) |
| 35 | G20 | 064 | Oil (Gear Oil), Coolant, Oil from Separator |
| 36 | G21 | 065 | Oil |
| 37 | G21 | 065 | Oil |
| 38 | G21 | 065 | Oil (Engine Oil) |
| 39 | G21 | 065 | Oil (Lubricating Oil) |
| 40 | G22 | 067 | Oil (Cooling Oil) |
| 41 | G22 | 067 | Oil (Engine Oil) |
| 42 | G22 | 067 | Oil (Engine Oil) |
| 43 | G23 | 068 | Oil (Engine Oil) |
| 44 | G24 | 069 | Oil (Engine Oil) |
| 45 | G25 | 071 | Oil (Cutting Oil) |
| 46 | G25 | 071 | Oil (Engine Oil) |
| 47 | G25 | 071 | Oil (Lubricating Oil) |
| 48 | G25 | 071 | Oil (Lubricating Oil) |
| 49 | G25 | 072 | Oil (Engine Oil) |
| 50 | G25 | 072 | Oil (Engine Oil) |
| 51 | G25 | 072 | Oil Waste |
| 52 | G25 | 073 | Oil (Engine Oil) |
| 53 | G26 | 074 | Oil (Emulsion Oil) |
| 54 | G26 | 074 | Oil (Engine Oil) |
| 55 | G26 | 074 | Oil (Lubricating Oil) |
| 56 | G26 | 074 | Oil (Vacuum Oil) |
| 57 | G27 | 075 | Oil (Engine Oil) |
| 58 | G27 | 077 | Oil |
| 59 | G27 | 077 | Oil (Engine Oil) |
| 60 | G27 | 077 | Oil (Engine Oil) |
| 61 | G27 | 077 | Oil (Engine Oil) |
| 62 | G27 | 077 | Oil (Heavy Oil) |
| 63 | G27 | 077 | Oil (Lubricating Oil) |
| 64 | G27 | 077 | Oil (Lubricating Oil) |
| 65 | G31 | 091 | Oil (Lubricating Oil) |
| 66 | G31 | 092 | Oil (Engine Oil) |
| 67 | G32 | 077 | Oil (Engine Oil) |
| 68 | G32 | 095 | Oil |
| 69 | G32 | 095 | Oil (Engine Oil) |
| 70 | G32 | 095 | Oil (Engine Oil) |
| 71 | G32 | 095 | Oil (Lubricating Oil) |
| 72 | G32 | 095 | Oil (Lubricating Oil) |
| 1 | G10 | 037 | PVC |
| 2 | G10 | 037 | PVC |

| | | | | | | | | |
|--------|-----|-----|--------|-----------------|----|-----|-----|-----------------------|
| | | | | | 3 | G12 | 041 | PVC |
| | | | | | 4 | G26 | 074 | PVC |
| | | | | | 5 | G30 | 087 | PVC |
| F09-00 | G06 | 028 | C05 | Elastic Cloth | 1 | G04 | 022 | Cloth |
| | | | | | 2 | G04 | 022 | Cloth |
| | | | | | 3 | G04 | 022 | Cloth |
| | | | | | 4 | G04 | 022 | Cloth |
| | | | | | 5 | G04 | 022 | Cloth |
| | | | | | 6 | G04 | 022 | Cloth |
| | | | | | 7 | G04 | 022 | Cloth |
| | | | | | 8 | G04 | 022 | Cloth, Thread |
| | | | | | 9 | G04 | 022 | Cloth |
| | | | | | 10 | G04 | 022 | Cloth |
| | | | | | 11 | G04 | 022 | Cloth |
| | | | | | 12 | G04 | 022 | Cloth, Thread |
| | | | | | 13 | G05 | 024 | Cloth |
| | | | | | 14 | G06 | 028 | Cloth |
| | | | | | 15 | G06 | 028 | Cloth |
| | | | | | 16 | G06 | 028 | Cloth |
| | | | | | 17 | G06 | 028 | Cloth |
| | | | | | 18 | G06 | 028 | Cloth |
| | | | | | 19 | G06 | 028 | Cloth |
| | | | | | 20 | G06 | 028 | Cloth |
| | | | | | 21 | G06 | 028 | Cloth, Thread |
| | | | | | 22 | G06 | 028 | Cloth |
| | | | | | 23 | G06 | 028 | Cloth |
| | | | | | 24 | G07 | 032 | Cloth |
| | | | | | 25 | G07 | 033 | Cloth |
| | | | | | 26 | G07 | 033 | Cloth |
| | | | | | 27 | G09 | 023 | Cloth |
| | | | | | 28 | G14 | 052 | Cloth |
| | | | | | 29 | G18 | 062 | Cloth |
| | | | | | 30 | G20 | 064 | Cloth |
| | | | | | 31 | G22 | 067 | Cloth |
| | | | | | 32 | G30 | 086 | Cloth |
| | | | | | 33 | G30 | 087 | Cloth, Thread |
| | | | | | 34 | G30 | 087 | Cloth |
| F10-00 | G06 | 028 | C05 | Polyester Fiber | 1 | G20 | 064 | Polyester |
| F11-01 | G07 | 032 | C01-02 | Bone | 1 | G01 | 006 | Fish Bone |
| | | | | | 2 | G01 | 006 | Head, Skin of fish |
| F11-02 | G07 | 032 | C01-02 | Viscera, Skin | 1 | G01 | 004 | Shrimp and Fish Waste |
| | | | | | 2 | G01 | 006 | Squid Waste |

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| | | | | | | 3 | G01 | 006 | Fish Waste |
| | | | | | | 4 | G01 | 006 | Shrimp Waste |
| | | | | | | 5 | G01 | 006 | Shrimp Waste |
| | | | | | | 6 | G01 | 006 | Head, skin of fish |
| | | | | | | 7 | G30 | 085 | Animal Skin |
| | | | | | | 8 | G30 | 086 | Sheep Skin |
| | | | | | | 9 | G31 | 092 | Fish Waste |
| | | | | | | 10 | G31 | 092 | Shrimp Waste |
| | | | | | | 11 | G31 | 092 | Shrimp Waste |
| F12-00 | G07 | 033 | C04 | Synthetic Leather, PVC | | 1 | G10 | 037 | PVC |
| | | | | | | 2 | G10 | 037 | PVC |
| | | | | | | 3 | G12 | 041 | PVC |
| | | | | | | 4 | G26 | 074 | PVC |
| | | | | | | 5 | G30 | 086 | Synthetic leather |
| | | | | | | 6 | G30 | 087 | PVC |
| F13-00 | G08 | 034 | C02 | Wood, Sawdust | | 1 | G02 | 012 | Wood |
| | | | | | | 2 | G02 | 014 | Wood |
| | | | | | | 3 | G08 | 034 | Sawdust |
| | | | | | | 4 | G08 | 034 | Wood |
| | | | | | | 5 | G08 | 034 | Wood |
| | | | | | | 6 | G08 | 034 | Wood, Sawdust |
| | | | | | | 7 | G08 | 034 | Wood, Sawdust |
| | | | | | | 8 | G08 | 034 | Wood, Sawdust |
| | | | | | | 9 | G08 | 034 | Wood, Wood Shavings, Sawdust |
| | | | | | | 10 | G08 | 086 | Wood, Sawdust |
| | | | | | | 11 | G09 | 036 | Wood |
| | | | | | | 12 | G10 | 037 | Chip, Particle, Sawdust |
| | | | | | | 13 | G10 | 037 | Sawdust |
| | | | | | | 14 | G10 | 037 | Wood |
| | | | | | | 15 | G10 | 037 | Wood |
| | | | | | | 16 | G10 | 037 | Wood |
| | | | | | | 17 | G10 | 037 | Wood, Sawdust |
| | | | | | | 18 | G10 | 037 | Wood, Sawdust |
| | | | | | | 19 | G10 | 037 | Wood, Sawdust |
| | | | | | | 20 | G10 | 037 | Wood, Sawdust |
| | | | | | | 21 | G12 | 041 | Wood |
| | | | | | | 22 | G14 | 052 | Wood |
| | | | | | | 23 | G15 | 053 | Pallet |
| | | | | | | 24 | G15 | 053 | Plywood, Sawdust |
| | | | | | | 25 | G16 | 056 | Wood |
| | | | | | | 26 | G17 | 059 | Plywood |
| | | | | | | 27 | G18 | 062 | Wood |
| | | | | | | 28 | G20 | 064 | Wood |

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| F14-01 | G08 | 034 | C02 | Wood |

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| 29 | G20 | 064 | Wood |
| 30 | G20 | 064 | Wood Material Box |
| 31 | G21 | 065 | Pallet Wood |
| 32 | G23 | 068 | Wood |
| 33 | G24 | 071 | Wood |
| 34 | G25 | 071 | Wood |
| 35 | G25 | 072 | Hard Board |
| 36 | G25 | 072 | Pallet Wood |
| 37 | G25 | 072 | Wood |
| 38 | G25 | 072 | Wood Box |
| 39 | G25 | 073 | Pallet Wood |
| 40 | G27 | 077 | Pallet Wood |
| 41 | G27 | 077 | Wood |
| 42 | G30 | 085 | Wood |
| 43 | G30 | 087 | Wood Box |
| 1 | G02 | 012 | Wood |
| 2 | G02 | 014 | Wood |
| 3 | G08 | 034 | Bark |
| 4 | G08 | 034 | Wood |
| 5 | G08 | 034 | Wood |
| 6 | G08 | 034 | Wood |
| 7 | G08 | 086 | Wood |
| 8 | G09 | 036 | Wood |
| 9 | G10 | 037 | Wood |
| 10 | G10 | 037 | Wood |
| 11 | G10 | 037 | Wood |
| 12 | G10 | 037 | Wood |
| 13 | G10 | 037 | Wood |
| 14 | G10 | 037 | Wood |
| 15 | G10 | 037 | Wood |
| 16 | G12 | 041 | Wood |
| 17 | G14 | 052 | Wood |
| 18 | G15 | 053 | Pallet |
| 19 | G15 | 053 | Plywood |
| 20 | G16 | 056 | Wood |
| 21 | G17 | 059 | Plywood |
| 22 | G18 | 062 | Wood |
| 23 | G20 | 064 | Wood |
| 24 | G20 | 064 | Wood |
| 25 | G20 | 064 | Wood Material Box |
| 26 | G21 | 065 | Pallet Wood |
| 27 | G23 | 068 | Wood |
| 28 | G24 | 071 | Wood |

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| | | | | | 29 | G25 | 071 | Wood |
| | | | | | 30 | G25 | 072 | Hard Board |
| | | | | | 31 | G25 | 072 | Pallet Wood |
| | | | | | 32 | G25 | 072 | Wood |
| | | | | | 33 | G25 | 072 | Wood Box |
| | | | | | 34 | G25 | 073 | Pallet Wood |
| | | | | | 35 | G27 | 077 | Pallet Wood |
| | | | | | 36 | G27 | 077 | Wood |
| | | | | | 37 | G30 | 085 | Wood |
| | | | | | 38 | G30 | 087 | Wood Box |
| F14-02 | G08 | 034 | C02 | Sawdust | 1 | G08 | 034 | Sawdust |
| | | | | | 2 | G08 | 034 | Sawdust |
| | | | | | 3 | G08 | 034 | Sawdust |
| | | | | | 4 | G08 | 034 | Wood, Sawdust |
| | | | | | 5 | G08 | 034 | Wood, Wood Shavings, Sawdust |
| | | | | | 6 | G08 | 086 | Sawdust |
| | | | | | 7 | G10 | 037 | Chip, Particle, Sawdust |
| | | | | | 8 | G10 | 037 | Sawdust |
| | | | | | 9 | G10 | 037 | Sawdust |
| | | | | | 10 | G10 | 037 | Sawdust |
| | | | | | 11 | G10 | 037 | Sawdust |
| | | | | | 12 | G10 | 037 | Sawdust |
| | | | | | 13 | G15 | 053 | Sawdust |
| F15-01 | G09 | 036 | C02 | Plywood, MDF | 1 | G15 | 053 | Plywood |
| | | | | | 2 | G17 | 059 | Plywood |
| F15-02 | G09 | 036 | C05 | Cloth | 1 | G04 | 022 | Cloth |
| | | | | | 2 | G04 | 022 | Cloth |
| | | | | | 3 | G04 | 022 | Cloth |
| | | | | | 4 | G04 | 022 | Cloth |
| | | | | | 5 | G04 | 022 | Cloth |
| | | | | | 6 | G04 | 022 | Cloth |
| | | | | | 7 | G04 | 022 | Cloth |
| | | | | | 8 | G04 | 022 | Cloth |
| | | | | | 9 | G04 | 022 | Cloth |
| | | | | | 10 | G04 | 022 | Cloth |
| | | | | | 11 | G04 | 022 | Cloth, Thread |
| | | | | | 12 | G04 | 022 | Cloth, Thread |
| | | | | | 13 | G05 | 024 | Cloth |
| | | | | | 14 | G06 | 028 | Cloth |
| | | | | | 15 | G06 | 028 | Cloth |
| | | | | | 16 | G06 | 028 | Cloth |
| | | | | | 17 | G06 | 028 | Cloth |
| | | | | | 18 | G06 | 028 | Cloth |

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| | | | | | 19 | G06 | 028 | Cloth |
| | | | | | 20 | G06 | 028 | Cloth |
| | | | | | 21 | G06 | 028 | Cloth |
| | | | | | 22 | G06 | 028 | Cloth |
| | | | | | 23 | G06 | 028 | Cloth |
| | | | | | 24 | G06 | 028 | Cloth, Thread |
| | | | | | 25 | G07 | 032 | Cloth |
| | | | | | 26 | G07 | 033 | Cloth |
| | | | | | 27 | G07 | 033 | Cloth |
| | | | | | 28 | G09 | 023 | Cloth |
| | | | | | 29 | G14 | 052 | Cloth |
| | | | | | 30 | G18 | 062 | Cloth |
| | | | | | 31 | G20 | 064 | Cloth |
| | | | | | 32 | G22 | 067 | Cloth |
| | | | | | 33 | G30 | 086 | Cloth |
| | | | | | 34 | G30 | 087 | Cloth |
| | | | | | 35 | G30 | 087 | Cloth, Thread |
| F16-00 | G09 | 036 | C10 | Soil | 1 | G01 | 007 | Soil for Bleaching Vegetable Oil |
| | | | | | 2 | G21 | 066 | Soil, Sand |
| F17-00 | G10 | 037 | C02 | Wood | 1 | G02 | 012 | Wood |
| | | | | | 2 | G02 | 014 | Wood |
| | | | | | 3 | G08 | 034 | Wood |
| | | | | | 4 | G08 | 034 | Wood |
| | | | | | 5 | G08 | 034 | Wood |
| | | | | | 6 | G08 | 034 | Wood |
| | | | | | 7 | G08 | 034 | Wood, Sawdust |
| | | | | | 8 | G08 | 034 | Wood, Wood Shavings, Sawdust |
| | | | | | 9 | G08 | 086 | Wood |
| | | | | | 10 | G09 | 036 | Wood |
| | | | | | 11 | G10 | 037 | Wood |
| | | | | | 12 | G10 | 037 | Wood |
| | | | | | 13 | G10 | 037 | Wood |
| | | | | | 14 | G10 | 037 | Wood |
| | | | | | 15 | G10 | 037 | Wood |
| | | | | | 16 | G10 | 037 | Wood |
| | | | | | 17 | G12 | 041 | Wood |
| | | | | | 18 | G14 | 052 | Wood |
| | | | | | 19 | G15 | 053 | Plywood |
| | | | | | 20 | G16 | 056 | Wood |
| | | | | | 21 | G17 | 059 | Plywood |
| | | | | | 22 | G18 | 062 | Wood |
| | | | | | 23 | G20 | 064 | Wood |
| | | | | | 24 | G20 | 064 | Wood |

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| | | | | | 25 | G20 | 064 | Wood Material Box |
| | | | | | 26 | G21 | 065 | Pallet Wood |
| | | | | | 27 | G23 | 068 | Wood |
| | | | | | 28 | G24 | 071 | Wood |
| | | | | | 29 | G25 | 071 | Wood |
| | | | | | 30 | G25 | 072 | Hard Board |
| | | | | | 31 | G25 | 072 | Pallet Wood |
| | | | | | 32 | G25 | 072 | Wood |
| | | | | | 33 | G25 | 072 | Wood Box |
| | | | | | 34 | G25 | 073 | Pallet Wood |
| | | | | | 35 | G27 | 077 | Pallet Wood |
| | | | | | 36 | G27 | 077 | Wood |
| | | | | | 37 | G30 | 085 | Wood |
| | | | | | 38 | G30 | 087 | Wood Box |
| F18-01 | G14 | 052 | W01-01 | Inorganic Acid | 1 | G01 | 007 | Sulfuric acid (H ₂ SO ₄) |
| | | | | | 2 | G12 | 041 | Inorganic Acid |
| | | | | | 3 | G13 | 042 | Inorganic Acid |
| | | | | | 4 | G13 | 050 | Perchloric acid, Xylene, Hydrochloric acid |
| | | | | | 5 | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 6 | G17 | 059 | Hydrochloric acid (HCl) |
| | | | | | 7 | G17 | 059 | Inorganic Acid |
| | | | | | 8 | G19 | 064 | Hydrochloric acid (HCl) |
| | | | | | 9 | G20 | 064 | Copper sulfate, Ferric Cyanide, Electrolyse |
| | | | | | 10 | G20 | 064 | Hydrochloric acid (HCl) |
| | | | | | 11 | G24 | 069 | Acid Waste |
| | | | | | 12 | G25 | 072 | Cupric Chloride |
| | | | | | 13 | G25 | 072 | Hydrochloric acid (HCl), Hydrogen peroxide (H ₂ O ₂) |
| | | | | | 14 | G28 | 078 | Hydrochloric acid (HCl) |
| F18-02 | G14 | 052 | W02 | Alkali | 1 | G03 | 020 | Caustic soda (NaOH) |
| | | | | | 2 | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 3 | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 4 | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 5 | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 6 | G17 | 060 | Soda Sludge |
| | | | | | 7 | G20 | 064 | Caustic soda (NaOH) |
| | | | | | 8 | G24 | 069 | Ammonium Solution |
| | | | | | 9 | G25 | 072 | Alkali |
| | | | | | 10 | G33 | 098 | Cleaning Agent |
| F19-01 | G14 | 052 | W02 | Caustic Soda | 1 | G03 | 020 | Caustic soda (NaOH) |
| | | | | | 2 | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 3 | G04 | 022 | Caustic soda (NaOH) |
| | | | | | 4 | G13 | 047 | Caustic soda (NaOH) |
| | | | | | 5 | G13 | 047 | Caustic soda (NaOH) |

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| F19-02 | G14 | 052 | W07-02 | Latex Rubber | 6 | G20 | 064 | Caustic soda (NaOH) |
| F20-00 | G16 | 058 | C10 | Gypsum, Plaster | 1 | G14 | 052 | Latex |
| | | | | | 2 | G11 | 038 | Plaster |
| | | | | | 3 | G16 | 055 | Gypsum |
| | | | | | 4 | G20 | 064 | Gypsum |
| | | | | | 5 | G29 | 084 | Plaster |
| | | | | | 6 | G29 | 084 | Plaster Cement |
| F21-00 | G16 | 058 | W08-01 | Oil (Lubricating Oil) | 1 | G01 | 004 | Oil (Lubricating Oil) |
| | | | | | 2 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 3 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 4 | G04 | 022 | Oil (Lubricating Oil) |
| | | | | | 5 | G06 | 028 | Oil (Lubricating Oil) |
| | | | | | 6 | G12 | 041 | Oil (Lubricating Oil) |
| | | | | | 7 | G13 | 044 | Oil (Lubricating Oil) |
| | | | | | 8 | G13 | 046 | Oil (Lubricating Oil) |
| | | | | | 9 | G13 | 047 | Oil (Lubricating Oil) |
| | | | | | 10 | G15 | 053 | Oil (Lubricating Oil) |
| | | | | | 11 | G15 | 053 | Oil (Lubricating Oil) |
| | | | | | 12 | G16 | 055 | Oil (Lubricating Oil) |
| | | | | | 13 | G16 | 058 | Oil (Lubricating Oil) |
| | | | | | 14 | G17 | 059 | Oil (Lubricating Oil) |
| | | | | | 15 | G17 | 059 | Oil (Lubricating Oil) |
| | | | | | 16 | G18 | 062 | Oil (Lubricating Oil) |
| | | | | | 17 | G19 | 063 | Oil (Lubricating Oil) |
| | | | | | 18 | G21 | 065 | Oil (Lubricating Oil) |
| | | | | | 19 | G25 | 071 | Oil (Lubricating Oil) |
| | | | | | 20 | G25 | 071 | Oil (Lubricating Oil) |
| | | | | | 21 | G26 | 074 | Oil (Lubricating Oil) |
| | | | | | 22 | G27 | 077 | Oil (Lubricating Oil) |
| | | | | | 23 | G27 | 077 | Oil (Lubricating Oil) |
| | | | | | 24 | G31 | 091 | Oil (Lubricating Oil) |
| | | | | | 25 | G31 | 092 | Oil (Lubricating Oil) |
| | | | | | 26 | G32 | 095 | Oil (Lubricating Oil) |
| | | | | | 27 | G32 | 095 | Oil (Lubricating Oil) |
| F22-00 | G16 | 058 | W12-03 | Ash | *** | *** | *** | *** |
| F23-00 | G17 | 059 | C08 | Iron Scrap | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G13 | 049 | Iron Drum 200 L |

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| 7 | G14 | 051 | Iron Scrap |
| 8 | G14 | 052 | Iron Scrap |
| 9 | G14 | 052 | Iron Scrap |
| 10 | G15 | 053 | Iron, Copper |
| 11 | G16 | 058 | Iron Scrap |
| 12 | G17 | 059 | Iron Scrap |
| 13 | G17 | 059 | Iron Scrap |
| 14 | G18 | 062 | Iron |
| 15 | G20 | 064 | Iron |
| 16 | G20 | 064 | Iron |
| 17 | G20 | 064 | Iron |
| 18 | G20 | 064 | Iron |
| 19 | G20 | 064 | Iron Scrap |
| 20 | G20 | 064 | Iron Scrap |
| 21 | G21 | 065 | Iron Scrap |
| 22 | G21 | 065 | Iron Scrap |
| 23 | G21 | 066 | Iron |
| 24 | G21 | 066 | Iron |
| 25 | G22 | 067 | Iron |
| 26 | G22 | 067 | Iron |
| 27 | G22 | 067 | Metal, Iron |
| 28 | G23 | 068 | Iron Scrap |
| 29 | G24 | 070 | Iron |
| 30 | G24 | 070 | Iron Scrap |
| 31 | G24 | 071 | Iron |
| 32 | G25 | 071 | Iron Scrap |
| 33 | G25 | 071 | Iron, Copper |
| 34 | G25 | 072 | Iron |
| 35 | G25 | 072 | Iron Scrap |
| 36 | G25 | 072 | Iron Scrap |
| 37 | G26 | 074 | Iron Scrap |
| 38 | G26 | 074 | Iron Scrap |
| 39 | G27 | 075 | Iron |
| 40 | G27 | 077 | Iron |
| 41 | G27 | 077 | Iron |
| 42 | G27 | 077 | Iron |
| 43 | G27 | 077 | Iron Scrap |
| 44 | G27 | 077 | Iron Scrap |
| 45 | G27 | 077 | Iron Scrap |
| 46 | G28 | 078 | Iron |
| 47 | G29 | 083 | Copper and Iron Scrap |
| 48 | G29 | 084 | Iron dust |
| 49 | G30 | 087 | Iron |

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| | | | | | 50 | G30 | 087 | Iron Scrap |
| | | | | | 51 | G32 | 077 | Iron |
| F24-01 | G17 | 059 | C08 | Low Mn Metal | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G13 | 049 | Iron Drum 200 L |
| | | | | | 7 | G14 | 051 | Iron Scrap |
| | | | | | 8 | G14 | 052 | Iron Scrap |
| | | | | | 9 | G14 | 052 | Iron Scrap |
| | | | | | 10 | G15 | 053 | Iron, Copper |
| | | | | | 11 | G16 | 058 | Iron Scrap |
| | | | | | 12 | G17 | 059 | Iron Scrap |
| | | | | | 13 | G17 | 059 | Iron Scrap |
| | | | | | 14 | G18 | 062 | Iron |
| | | | | | 15 | G20 | 064 | Iron |
| | | | | | 16 | G20 | 064 | Iron |
| | | | | | 17 | G20 | 064 | Iron |
| | | | | | 18 | G20 | 064 | Iron |
| | | | | | 19 | G20 | 064 | Iron Scrap |
| | | | | | 20 | G20 | 064 | Iron Scrap |
| | | | | | 21 | G21 | 065 | Iron Scrap |
| | | | | | 22 | G21 | 065 | Iron Scrap |
| | | | | | 23 | G21 | 066 | Iron |
| | | | | | 24 | G21 | 066 | Iron |
| | | | | | 25 | G22 | 067 | Iron |
| | | | | | 26 | G22 | 067 | Iron |
| | | | | | 27 | G22 | 067 | Metal, Iron |
| | | | | | 28 | G23 | 068 | Iron Scrap |
| | | | | | 29 | G24 | 070 | Iron |
| | | | | | 30 | G24 | 070 | Iron Scrap |
| | | | | | 31 | G24 | 071 | Iron |
| | | | | | 32 | G25 | 071 | Iron Scrap |
| | | | | | 33 | G25 | 071 | Iron, Copper |
| | | | | | 34 | G25 | 072 | Iron |
| | | | | | 35 | G25 | 072 | Iron Scrap |
| | | | | | 36 | G25 | 072 | Iron Scrap |
| | | | | | 37 | G26 | 074 | Iron Scrap |
| | | | | | 38 | G26 | 074 | Iron Scrap |
| | | | | | 39 | G27 | 075 | Iron |
| | | | | | 40 | G27 | 077 | Iron |
| | | | | | 41 | G27 | 077 | Iron |

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| | | | | | 42 | G27 | 077 | Iron |
| | | | | | 43 | G27 | 077 | Iron Scrap |
| | | | | | 44 | G27 | 077 | Iron Scrap |
| | | | | | 45 | G27 | 077 | Iron Scrap |
| | | | | | 46 | G28 | 078 | Iron |
| | | | | | 47 | G29 | 083 | Copper and Iron Scrap |
| | | | | | 48 | G29 | 084 | Iron dust |
| | | | | | 49 | G30 | 087 | Iron |
| | | | | | 50 | G30 | 087 | Iron Scrap |
| | | | | | 51 | G32 | 077 | Iron |
| F24-02 | G17 | 059 | C08 | Stainless Steel | 1 | G20 | 064 | Stainless |
| | | | | | 2 | G20 | 064 | Stainless steel |
| | | | | | 3 | G20 | 064 | Stainless steel |
| | | | | | 4 | G20 | 064 | Stainless Wire |
| | | | | | 5 | G21 | 066 | Stainless |
| F24-03 | G17 | 059 | C08 | Steel for Striking Fire | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G14 | 051 | Iron Scrap |
| | | | | | 7 | G14 | 052 | Iron Scrap |
| | | | | | 8 | G14 | 052 | Iron Scrap |
| | | | | | 9 | G15 | 053 | Iron, Copper |
| | | | | | 10 | G16 | 058 | Iron Scrap |
| | | | | | 11 | G17 | 059 | Iron Scrap |
| | | | | | 12 | G17 | 059 | Iron Scrap |
| | | | | | 13 | G18 | 062 | Iron |
| | | | | | 14 | G20 | 064 | Iron |
| | | | | | 15 | G20 | 064 | Iron |
| | | | | | 16 | G20 | 064 | Iron |
| | | | | | 17 | G20 | 064 | Iron |
| | | | | | 18 | G20 | 064 | Iron Scrap |
| | | | | | 19 | G20 | 064 | Iron Scrap |
| | | | | | 20 | G21 | 065 | Iron Scrap |
| | | | | | 21 | G21 | 065 | Iron Scrap |
| | | | | | 22 | G21 | 066 | Iron |
| | | | | | 23 | G21 | 066 | Iron |
| | | | | | 24 | G22 | 067 | Iron |
| | | | | | 25 | G22 | 067 | Iron |
| | | | | | 26 | G22 | 067 | Metal, Iron |
| | | | | | 27 | G23 | 068 | Iron Scrap |
| | | | | | 28 | G24 | 070 | Iron |

| | | | | | | | | |
|--------|-----|-----|-----|--------------|----|-----|-----|-----------------|
| | | | | | 29 | G24 | 070 | Iron Scrap |
| | | | | | 30 | G24 | 071 | Iron |
| | | | | | 31 | G25 | 071 | Iron Scrap |
| | | | | | 32 | G25 | 071 | Iron, Copper |
| | | | | | 33 | G25 | 072 | Iron |
| | | | | | 34 | G25 | 072 | Iron Scrap |
| | | | | | 35 | G25 | 072 | Iron Scrap |
| | | | | | 36 | G26 | 074 | Iron Scrap |
| | | | | | 37 | G26 | 074 | Iron Scrap |
| | | | | | 38 | G27 | 075 | Iron |
| | | | | | 39 | G27 | 077 | Iron |
| | | | | | 40 | G27 | 077 | Iron |
| | | | | | 41 | G27 | 077 | Iron |
| | | | | | 42 | G27 | 077 | Iron Scrap |
| | | | | | 43 | G27 | 077 | Iron Scrap |
| | | | | | 44 | G27 | 077 | Iron Scrap |
| | | | | | 45 | G28 | 078 | Iron |
| | | | | | 46 | G30 | 087 | Iron |
| | | | | | 47 | G30 | 087 | Iron Scrap |
| | | | | | 48 | G32 | 077 | Iron |
| F25-01 | G17 | 059 | C08 | Low Mn Metal | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G13 | 049 | Iron Drum 200 L |
| | | | | | 7 | G14 | 051 | Iron Scrap |
| | | | | | 8 | G14 | 052 | Iron Scrap |
| | | | | | 9 | G14 | 052 | Iron Scrap |
| | | | | | 10 | G15 | 053 | Iron, Copper |
| | | | | | 11 | G16 | 058 | Iron Scrap |
| | | | | | 12 | G17 | 059 | Iron Scrap |
| | | | | | 13 | G17 | 059 | Iron Scrap |
| | | | | | 14 | G18 | 062 | Iron |
| | | | | | 15 | G20 | 064 | Iron |
| | | | | | 16 | G20 | 064 | Iron |
| | | | | | 17 | G20 | 064 | Iron |
| | | | | | 18 | G20 | 064 | Iron |
| | | | | | 19 | G20 | 064 | Iron Scrap |
| | | | | | 20 | G20 | 064 | Iron Scrap |
| | | | | | 21 | G21 | 065 | Iron Scrap |
| | | | | | 22 | G21 | 065 | Iron Scrap |
| | | | | | 23 | G21 | 066 | Iron |

| | | | | | | | | |
|--------|-----|-----|-----|-------|----|-----|-----|-------------------------------------|
| | | | | | 24 | G21 | 066 | Iron |
| | | | | | 25 | G22 | 067 | Iron |
| | | | | | 26 | G22 | 067 | Iron |
| | | | | | 27 | G22 | 067 | Metal, Iron |
| | | | | | 28 | G23 | 068 | Iron Scrap |
| | | | | | 29 | G24 | 070 | Iron |
| | | | | | 30 | G24 | 070 | Iron Scrap |
| | | | | | 31 | G24 | 071 | Iron |
| | | | | | 32 | G25 | 071 | Iron Scrap |
| | | | | | 33 | G25 | 071 | Iron, Copper |
| | | | | | 34 | G25 | 072 | Iron |
| | | | | | 35 | G25 | 072 | Iron Scrap |
| | | | | | 36 | G25 | 072 | Iron Scrap |
| | | | | | 37 | G26 | 074 | Iron Scrap |
| | | | | | 38 | G26 | 074 | Iron Scrap |
| | | | | | 39 | G27 | 075 | Iron |
| | | | | | 40 | G27 | 077 | Iron |
| | | | | | 41 | G27 | 077 | Iron |
| | | | | | 42 | G27 | 077 | Iron |
| | | | | | 43 | G27 | 077 | Iron Scrap |
| | | | | | 44 | G27 | 077 | Iron Scrap |
| | | | | | 45 | G27 | 077 | Iron Scrap |
| | | | | | 46 | G28 | 078 | Iron |
| | | | | | 47 | G29 | 083 | Copper and Iron Scrap |
| | | | | | 48 | G29 | 084 | Iron dust |
| | | | | | 49 | G30 | 087 | Iron |
| | | | | | 50 | G30 | 087 | Iron Scrap |
| | | | | | 51 | G32 | 077 | Iron |
| F25-02 | G17 | 059 | C08 | Metal | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G04 | 022 | Metal Scrap |
| | | | | | 5 | G11 | 039 | Iron |
| | | | | | 6 | G13 | 042 | Iron Scrap |
| | | | | | 7 | G13 | 042 | Metal Container |
| | | | | | 8 | G13 | 042 | Vanadium Pentaoxids |
| | | | | | 9 | G13 | 045 | Cans |
| | | | | | 10 | G13 | 045 | Iron and Molybdenum Oxides Catalyst |
| | | | | | 11 | G13 | 049 | Iron Drum 200 L |
| | | | | | 12 | G14 | 051 | Iron Scrap |
| | | | | | 13 | G14 | 052 | Iron Scrap |
| | | | | | 14 | G14 | 052 | Iron Scrap |
| | | | | | 15 | G15 | 053 | Iron, Copper |

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|----|-----|-----|-------------------------|
| 16 | G15 | 053 | Metal Alloy |
| 17 | G15 | 053 | Metal Scrap |
| 18 | G16 | 058 | Iron Scrap |
| 19 | G17 | 059 | Iron |
| 20 | G17 | 059 | Iron Scrap |
| 21 | G17 | 059 | Iron Scrap |
| 22 | G17 | 059 | Steel for Striking Fire |
| 23 | G17 | 059 | Wire dust |
| 24 | G17 | 060 | Aluminium oxide |
| 25 | G18 | 062 | Iron |
| 26 | G18 | 062 | Metal Scrap |
| 27 | G19 | 063 | Aluminium Scrap |
| 28 | G19 | 063 | Metal Scrap |
| 29 | G20 | 064 | Copper |
| 30 | G20 | 064 | Flux |
| 31 | G20 | 064 | Iron |
| 32 | G20 | 064 | Iron |
| 33 | G20 | 064 | Iron |
| 34 | G20 | 064 | Iron |
| 35 | G20 | 064 | Iron Scrap |
| 36 | G20 | 064 | Iron Scrap |
| 37 | G20 | 064 | Metal |
| 38 | G20 | 064 | Metal alloy |
| 39 | G20 | 064 | Metal Scrap |
| 40 | G20 | 064 | Stainless |
| 41 | G20 | 064 | Stainless steel |
| 42 | G20 | 064 | Stainless steel |
| 43 | G20 | 064 | Stainless Wire |
| 44 | G20 | 064 | Wire & Spring |
| 45 | G20 | 064 | Zinc |
| 46 | G20 | 064 | Zinc |
| 47 | G20 | 064 | Zinc dross |
| 48 | G21 | 065 | Iron Scrap |
| 49 | G21 | 065 | Iron Scrap |
| 50 | G21 | 066 | Iron |
| 51 | G21 | 066 | Iron |
| 52 | G22 | 067 | Aluminium |
| 53 | G22 | 067 | Iron |
| 54 | G22 | 067 | Iron |
| 55 | G22 | 067 | Metal, Iron |
| 56 | G22 | 067 | W Scrap |
| 57 | G23 | 068 | Iron Scrap |
| 58 | G24 | 070 | Aluminium |

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| F25-03 | G17 | 059 | C08 | Stainless Steel |

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|----|-----|-----|--------------------------------|
| 59 | G24 | 070 | Iron |
| 50 | G24 | 070 | Iron Scrap |
| 61 | G24 | 070 | Metal |
| 62 | G24 | 071 | Iron |
| 63 | G25 | 071 | Aluminium |
| 64 | G25 | 071 | Iron Scrap |
| 65 | G25 | 071 | Iron, Copper |
| 66 | G25 | 071 | Metal |
| 67 | G25 | 072 | Copper Scrap |
| 68 | G25 | 072 | Glitter Material |
| 69 | G25 | 072 | Iron |
| 70 | G25 | 072 | Iron Scrap |
| 71 | G25 | 072 | Iron Scrap |
| 72 | G25 | 072 | Lead Scrap |
| 73 | G25 | 072 | Nickle Scrap |
| 74 | G25 | 072 | Off-spec Printed Circuit Board |
| 75 | G25 | 073 | Lead |
| 76 | G26 | 074 | Battery Plat |
| 77 | G26 | 074 | Copper |
| 78 | G26 | 074 | Copper Scrap |
| 79 | G26 | 074 | Iron Scrap |
| 80 | G26 | 074 | Iron Scrap |
| 81 | G26 | 074 | lead |
| 82 | G26 | 074 | Metal Scrap |
| 83 | G27 | 075 | Iron |
| 84 | G27 | 077 | Iron |
| 85 | G27 | 077 | Iron |
| 86 | G27 | 077 | Iron |
| 87 | G27 | 077 | Iron Scrap |
| 88 | G27 | 077 | Iron Scrap |
| 89 | G27 | 077 | Iron Scrap |
| 90 | G28 | 078 | Iron |
| 91 | G28 | 078 | Zinc |
| 92 | G29 | 083 | Aluminium Scrap |
| 93 | G29 | 084 | Iron dust |
| 94 | G30 | 087 | Iron |
| 95 | G30 | 087 | Iron Scrap |
| 96 | G31 | 092 | Metal |
| 97 | G32 | 077 | Iron |
| 1 | G20 | 064 | Stainless |
| 2 | G20 | 064 | Stainless steel |
| 3 | G20 | 064 | Stainless steel |
| 4 | G20 | 064 | Stainless wire |

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|--------|-----|-----|-----------------------|------------|----|-----|-----|---------------------|
| F26-01 | G17 | 060 | C08 | Copper | 5 | G21 | 066 | Stainless |
| | | | | | 1 | G04 | 022 | Copper Scrap |
| | | | | | 2 | G15 | 053 | Iron, Copper |
| | | | | | 3 | G20 | 064 | Copper |
| | | | | | 4 | G24 | 071 | Copper Scrap |
| | | | | | 5 | G25 | 071 | Copper |
| | | | | | 6 | G25 | 071 | Copper |
| | | | | | 7 | G25 | 071 | Copper Scrap |
| | | | | | 8 | G25 | 071 | Iron, Copper |
| | | | | | 9 | G25 | 072 | Brass, Copper Scrap |
| | | | | | 10 | G25 | 072 | Copper Scrap |
| | | | | | 11 | G26 | 074 | Copper |
| | | | | | 12 | G26 | 074 | Copper Scrap |
| | | | | | 13 | G26 | 074 | Copper Scrap |
| 14 | G29 | 083 | Copper and Iron Scrap | | | | | |
| F26-02 | G17 | 060 | C08 | Zinc | 1 | G20 | 064 | Zinc |
| | | | | | 2 | G20 | 064 | Zinc |
| | | | | | 3 | G20 | 064 | Zinc ash |
| | | | | | 4 | G20 | 064 | Zinc dross |
| | | | | | 5 | G21 | 066 | Zinc |
| | | | | | 6 | G28 | 078 | Zinc |
| F27-00 | G17 | 060 | C08 | Aluminium | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G17 | 060 | Aluminium oxide |
| | | | | | 3 | G19 | 063 | Aluminium Scrap |
| | | | | | 4 | G22 | 067 | Aluminium |
| | | | | | 5 | G22 | 067 | Aluminium |
| | | | | | 6 | G24 | 070 | Aluminium |
| | | | | | 7 | G24 | 071 | Aluminium Scrap |
| | | | | | 8 | G25 | 071 | Aluminium |
| | | | | | 9 | G25 | 071 | Aluminium |
| | | | | | 10 | G25 | 072 | Aluminium Scrap |
| | | | | | 11 | G25 | 072 | Aluminium Scrap |
| | | | | | 12 | G29 | 083 | Aluminium Scrap |
| F28-00 | G20 | 064 | C08 | Iron Scrap | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G13 | 049 | Iron Drum 200 L |
| | | | | | 7 | G14 | 051 | Iron Scrap |
| | | | | | 8 | G14 | 052 | Iron Scrap |
| | | | | | 9 | G14 | 052 | Iron Scrap |

13-40

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| | | | | | 10 | G15 | 053 | Iron, Copper |
| | | | | | 11 | G16 | 058 | Iron Scrap |
| | | | | | 12 | G17 | 059 | Iron Scrap |
| | | | | | 13 | G17 | 059 | Iron Scrap |
| | | | | | 14 | G18 | 062 | Iron |
| | | | | | 15 | G20 | 064 | Iron |
| | | | | | 16 | G20 | 064 | Iron |
| | | | | | 17 | G20 | 064 | Iron |
| | | | | | 18 | G20 | 064 | Iron |
| | | | | | 19 | G20 | 064 | Iron Scrap |
| | | | | | 20 | G20 | 064 | Iron Scrap |
| | | | | | 21 | G21 | 065 | Iron Scrap |
| | | | | | 22 | G21 | 065 | Iron Scrap |
| | | | | | 23 | G21 | 066 | Iron |
| | | | | | 24 | G21 | 066 | Iron |
| | | | | | 25 | G22 | 067 | Iron |
| | | | | | 26 | G22 | 067 | Iron |
| | | | | | 27 | G22 | 067 | Metal, Iron |
| | | | | | 28 | G23 | 068 | Iron Scrap |
| | | | | | 29 | G24 | 070 | Iron |
| | | | | | 30 | G24 | 070 | Iron Scrap |
| | | | | | 31 | G24 | 071 | Iron |
| | | | | | 32 | G25 | 071 | Iron Scrap |
| | | | | | 33 | G25 | 071 | Iron, Copper |
| | | | | | 34 | G25 | 072 | Iron |
| | | | | | 35 | G25 | 072 | Iron Scrap |
| | | | | | 36 | G25 | 072 | Iron Scrap |
| | | | | | 37 | G26 | 074 | Iron Scrap |
| | | | | | 38 | G26 | 074 | Iron Scrap |
| | | | | | 39 | G27 | 075 | Iron |
| | | | | | 40 | G27 | 077 | Iron |
| | | | | | 41 | G27 | 077 | Iron |
| | | | | | 42 | G27 | 077 | Iron |
| | | | | | 43 | G27 | 077 | Iron Scrap |
| | | | | | 44 | G27 | 077 | Iron Scrap |
| | | | | | 45 | G27 | 077 | Iron Scrap |
| | | | | | 46 | G28 | 078 | Iron |
| | | | | | 47 | G29 | 083 | Copper and Iron Scrap |
| | | | | | 48 | G29 | 084 | Iron dust |
| | | | | | 49 | G30 | 087 | Iron |
| | | | | | 50 | G30 | 087 | Iron Scrap |
| | | | | | 51 | G32 | 077 | Iron |
| F29-00 | G20 | 064 | W02 | Caustic Soda | 1 | G03 | 020 | Caustic soda (NaOH) |

| | | | |
|----|-----|-----|---------------------|
| 2 | G04 | 022 | Caustic soda (NaOH) |
| 3 | G04 | 022 | Caustic soda (NaOH) |
| 4 | G13 | 047 | Caustic soda (NaOH) |
| 5 | G13 | 047 | Caustic soda (NaOH) |
| 6 | G20 | 064 | Caustic soda (NaOH) |
| 1 | G03 | 020 | Iron, Aluminium |
| 2 | G17 | 060 | Aluminium oxide |
| 3 | G19 | 063 | Aluminium Scrap |
| 4 | G22 | 067 | Aluminium |
| 5 | G22 | 067 | Aluminium |
| 6 | G24 | 070 | Aluminium |
| 7 | G24 | 071 | Aluminium Scrap |
| 8 | G25 | 071 | Aluminium |
| 9 | G25 | 071 | Aluminium |
| 10 | G25 | 072 | Aluminium Scrap |
| 11 | G25 | 072 | Aluminium Scrap |
| 12 | G29 | 083 | Aluminium Scrap |
| 1 | G03 | 020 | Iron, Aluminium |
| 2 | G04 | 022 | Iron Scrap |
| 3 | G04 | 022 | Iron Scrap |
| 4 | G11 | 039 | Iron |
| 5 | G13 | 042 | Iron Scrap |
| 6 | G13 | 049 | Iron Drum 200 L |
| 7 | G14 | 051 | Iron Scrap |
| 8 | G14 | 052 | Iron Scrap |
| 9 | G14 | 052 | Iron Scrap |
| 10 | G15 | 053 | Iron, Copper |
| 11 | G16 | 058 | Iron Scrap |
| 12 | G17 | 059 | Iron Scrap |
| 13 | G17 | 059 | Iron Scrap |
| 14 | G18 | 062 | Iron |
| 15 | G20 | 064 | Iron |
| 16 | G20 | 064 | Iron |
| 17 | G20 | 064 | Iron |
| 18 | G20 | 064 | Iron |
| 19 | G20 | 064 | Iron Scrap |
| 20 | G20 | 064 | Iron Scrap |
| 21 | G21 | 065 | Iron Scrap |
| 22 | G21 | 065 | Iron Scrap |
| 23 | G21 | 066 | Iron |
| 24 | G21 | 066 | Iron |
| 25 | G22 | 067 | Iron |
| 26 | G22 | 067 | Iron |

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| F30-01 | G21 | 065 | C08 | Aluminium Scrap |
| F30-02 | G21 | 065 | C08 | Iron Scrap |

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| | | | | | 27 | G22 | 067 | Metal, Iron |
| | | | | | 28 | G23 | 068 | Iron Scrap |
| | | | | | 29 | G24 | 070 | Iron |
| | | | | | 30 | G24 | 070 | Iron Scrap |
| | | | | | 31 | G24 | 071 | Iron |
| | | | | | 32 | G25 | 071 | Iron Scrap |
| | | | | | 33 | G25 | 071 | Iron, Copper |
| | | | | | 34 | G25 | 072 | Iron |
| | | | | | 35 | G25 | 072 | Iron Scrap |
| | | | | | 36 | G25 | 072 | Iron Scrap |
| | | | | | 37 | G26 | 074 | Iron Scrap |
| | | | | | 38 | G26 | 074 | Iron Scrap |
| | | | | | 39 | G27 | 075 | Iron |
| | | | | | 40 | G27 | 077 | Iron |
| | | | | | 41 | G27 | 077 | Iron |
| | | | | | 42 | G27 | 077 | Iron |
| | | | | | 43 | G27 | 077 | Iron Scrap |
| | | | | | 44 | G27 | 077 | Iron Scrap |
| | | | | | 45 | G27 | 077 | Iron Scrap |
| | | | | | 46 | G28 | 078 | Iron |
| | | | | | 47 | G29 | 083 | Copper and Iron Scrap |
| | | | | | 48 | G29 | 084 | Iron dust |
| | | | | | 49 | G30 | 087 | Iron |
| | | | | | 50 | G30 | 087 | Iron Scrap |
| | | | | | 51 | G32 | 077 | Iron |
| F31-00 | G21 | 066 | C08 | Iron | 1 | G03 | 020 | Iron, Aluminium |
| | | | | | 2 | G04 | 022 | Iron Scrap |
| | | | | | 3 | G04 | 022 | Iron Scrap |
| | | | | | 4 | G11 | 039 | Iron |
| | | | | | 5 | G13 | 042 | Iron Scrap |
| | | | | | 6 | G13 | 049 | Iron Drum 200 L |
| | | | | | 7 | G14 | 051 | Iron Scrap |
| | | | | | 8 | G14 | 052 | Iron Scrap |
| | | | | | 9 | G14 | 052 | Iron Scrap |
| | | | | | 10 | G15 | 053 | Iron, Copper |
| | | | | | 11 | G16 | 058 | Iron Scrap |
| | | | | | 12 | G17 | 059 | Iron Scrap |
| | | | | | 13 | G17 | 059 | Iron Scrap |
| | | | | | 14 | G18 | 062 | Iron |
| | | | | | 15 | G20 | 064 | Iron |
| | | | | | 16 | G20 | 064 | Iron |
| | | | | | 17 | G20 | 064 | Iron |
| | | | | | 18 | G20 | 064 | Iron |

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|----|-----|-----|-----------------------|
| 19 | G20 | 064 | Iron Scrap |
| 20 | G20 | 064 | Iron Scrap |
| 21 | G21 | 065 | Iron Scrap |
| 22 | G21 | 065 | Iron Scrap |
| 23 | G21 | 066 | Iron |
| 24 | G21 | 066 | Iron |
| 25 | G22 | 067 | Iron |
| 26 | G22 | 067 | Iron |
| 27 | G22 | 067 | Metal, Iron |
| 28 | G23 | 068 | Iron Scrap |
| 29 | G24 | 070 | Iron |
| 30 | G24 | 070 | Iron Scrap |
| 31 | G24 | 071 | Iron |
| 32 | G25 | 071 | Iron Scrap |
| 33 | G25 | 071 | Iron, Copper |
| 34 | G25 | 072 | Iron |
| 35 | G25 | 072 | Iron Scrap |
| 36 | G25 | 072 | Iron Scrap |
| 37 | G26 | 074 | Iron Scrap |
| 38 | G26 | 074 | Iron Scrap |
| 39 | G27 | 075 | Iron |
| 40 | G27 | 077 | Iron |
| 41 | G27 | 077 | Iron |
| 42 | G27 | 077 | Iron |
| 43 | G27 | 077 | Iron Scrap |
| 44 | G27 | 077 | Iron Scrap |
| 45 | G27 | 077 | Iron Scrap |
| 46 | G28 | 078 | Iron |
| 47 | G29 | 083 | Copper and Iron Scrap |
| 48 | G29 | 084 | Iron dust |
| 49 | G30 | 087 | Iron |
| 50 | G30 | 087 | Iron Scrap |
| 51 | G32 | 077 | Iron |