

“Nothing works better than just
improving your product.”

INTERPRETIVE CO., LTD.

VISION

“To be a leading distributor and re-packer Chlor-Alkali Chemical in Thailand”

MISSION

“To constantly achieve a sustainable growth with maximum satisfaction for all stakeholders”



CHLOR ALKALI EXPERTISE

Interpretive Co., Ltd., or “ITP” was established on May 26, 2000 and was operated on March 5, 2001 with initial registered capital of Baht 1,000,000 [One Million] and currently increasing to Baht 5,000,000 [Five Million]. ITP is fully managed by Mr.Sanpong Bumpensanti, Chief Executive Officer, who is deal with the distribution of many different kinds of products to both local and overseas industrial factories.

ITP is conducted in distributing Chlor-Alkali chemicals such as Sodium Hydroxide 32%, Sodium Hydroxide 50%, Sodium Hypochlorite 10%, Hydrochloric Acid 35%, and etc., produced by leading Thai manufacturers to the factory. Furthermore, we also provide chemical packing services according to the size of container needed and import various kinds of chemical products to meet customers’ demand and satisfaction in all aspects.

Up until now, we have trucks and pick-up more than 50, in order to consign the best quality of products to our customers in the fastest way. Not only the quality, but we also abide by the rules and regulations of the Hazardous Substances Logistics Association [HASLA], which we are a part of membership.

Not only the experiences of CEO and staffs who along with knowledge and experiences specializing in chemical products for more than 35 years, but we also continuous provide a full security training and knowledge to the staffs and driver.

Although, we operated in chemistry but we also pay attention to environmental and social responsibility, which can be seen from being certified Environmental Management System Standard [ISO 14001:2015] by SGS , Lamphun Branch and CSR-DIW Continuous Award by Department of Industrial Works [DIW], Bangpoo Branch that we are also continuing activities since the past 2010.

ITP MILESTONES

2000 START BUSINESS

2001
ESTABLISHED HEAD OFFICE,
AT THAI CC TOWER, SATHORN, BANGKOK

2002
ESTABLISHED 1st FACTORY,
AT BANGPOO INDUSTRIAL
ESTATE, SAMUTPRAKARN

2009
BANGPOO FACTORY,
ACHIEVED ISO 9001 : 2008

2010
BANGPOO FACTORY,
ACHIEVED CSR-DIW
AWARD 2010

2011
BANGPOO FACTORY,
ACHIEVED CSR-DIW
CONTINUOUS AWARD 2011

2014
ESTABLISHED 2nd FACTORY,
AT NORTHERN REGION
INDUSTRIAL ESTATE, LAMPHUN

2016
LAMPHUN FACTORY,
ACHIEVED ISO 14001 : 2015

2017
INTERPRETIVE,
ACHIEVED ISO 9001 : 2015



PACKAGING



25 kg, 30 kg



200 kg



1,000 kg, 1,200 kg, 1,500 kg



Tank car



CHLOR-ALKALI



CHEMICAL :
Sodium Hydroxide 32%

ORIGIN :
Thailand

PACKAGING :
25 kg/drum, 200 kg/drum,
1,000 kg/IBC, 1,200 kg/IBC,
Tank car



CHEMICAL :
Sodium Hydroxide 50%

ORIGIN :
Thailand

PACKAGING :
30 kg/drum, 200 kg/drum,
1,000 kg/IBC, 1,500 kg/IBC,
Tank car



CHEMICAL :
Sodium Hypochlorite 10%

ORIGIN :
Thailand

PACKAGING :
25 kg/drum, 200 kg/drum,
1,000 kg/IBC, 1,200 kg/IBC,
Tank car



CHEMICAL :
Hydrochloric Acid 35%

ORIGIN :
Thailand

PACKAGING :
25 kg/drum, 200 kg/drum,
1,000 kg/IBC, Tank car



CHEMICAL :
Sodium Hydroxide Flake 98%

ORIGIN :
ACTH

PACKAGING :
25 kg/bag



CHEMICAL :
Sodium Hydroxide Flake 99%

ORIGIN :
China

PACKAGING :
25 kg/bag



CHEMICAL :
Sodium Hydroxide Micropearls 99%

ORIGIN :
ACTH

PACKAGING :
25 kg/bag



CHEMICAL :
Poly Aluminium Chloride 10%

ORIGIN :
Thailand

PACKAGING :
25 kg/drum, 1,000 kg/IBC,
Tank car



CHEMICAL :
Poly Aluminium Chloride 30%

ORIGIN :
Thailand

PACKAGING :
25 kg/bag



CHEMICAL :
Liquid Chlorine 99.5%

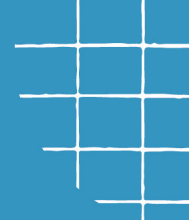
ORIGIN :
Thailand

PACKAGING :
100 kg/cylinder,
1,000 kg/cylinder

SUCCESS IS
A SERIES OF
SMALL WINS



DOMESTIC & BASIC



| CHEMICAL | ORIGIN | PACKAGING |
|---|-----------------|---|
| Acetic Acid 99.85% | USA | 30 kg/drum |
| Aluminium Ammonium Sulfate | Thailand | 30 kg/bag |
| Aluminium Sulfate | Thailand | 25 kg/bag |
| Aluminium Sulphate [Liquid] 8% | Thailand | 25 kg/drum, 200 kg/drum, 1,000 kg/IBC, Tank car |
| Ammonium Hydroxide 27% | Thailand | 22 kg/drum |
| Calcium Chloride 74% | China, Japan | 25 kg/bag |
| Calcium Hypochlorite 65% | China | 50 kg/drum |
| Calcium Hydroxide | Thailand | 20 kg/bag |
| Citric Acid | Thailand, China | 25 kg/bag |
| Ferric Chloride 40% | Thailand | 28 kg/drum, 600 kg/IBC, 1,000 kg/IBC, Tank car |
| Ferric Chloride 46% | Thailand | 30 kg/drum, 1,200 kg/IBC, Tank car |
| Formaldehyde 40% | Thailand | 20 kg/drum |
| Hydrated Lime | Thailand | 20 kg/bag |
| Hydrogen Peroxide 50% | Thailand | 30 kg/bag |
| Magnesium Chloride 47% | Israel | 25 kg/bag |
| Nitric Acid 68% | Thailand, Korea | 35 kg/drum, 280 kg/drum, Tank car |
| Phosphoric Acid 85% [Food Grade] | China | 35 kg/drum, 1,000 kg/IBC, Tank car |
| Potassium Chloride | Israel | 25 kg/bag |
| Refined Salt 97.5% | Thailand | 25 kg/bag |
| Refined Salt 99.9% | Thailand | 50 kg/bag |
| Soda Ash Dense [Sodium Carbonate-Dense] | China | 50 kg/bag |
| Soda Ash Light [Sodium Carbonate-Light] | China | 40 kg/bag |
| Sodium Bicarbonate | China | 25 kg/bag |
| Sodium Metabisulfite | Thailand | 25 kg/bag |
| Sodium Nitrate | China | 25 kg/bag |
| Sodium Nitrite | China | 25 kg/bag |
| Sodium Sulphate | China | 50 kg/bag |
| Sodium Sulphide 60%-Red Flake | China | 25 kg/bag |
| Sodium Sulphite | Thailand, China | 25 kg/bag |
| Sodium Thiosulfate | China | 25 kg/bag |
| Sodium Tripolyphosphate | Thailand, Japan | 25 kg/bag |
| Sulfuric Acid 50% | Thailand | 25 kg/drum, 200 kg/drum, 1,000 kg/IBC, Tank car |
| Sulfuric Acid 70% | Thailand | 30 kg/drum, 1,000 kg/IBC, Tank car |
| Sulfuric Acid 98% | Thailand | 35 kg/drum, 200 kg/drum, 1,000 kg/IBC, Tank car |
| Sulphur Powder | Thailand | 25 kg/bag |
| Urea | Thailand | 50 kg/bag |

INTERPRETIVE CO., LTD.

PRODUCT CATALOG

SODIUM HYDROXIDE 32%

CAS NO. 1310-73-2
UN NO. 1824



25 kg/drum



200 kg/drum



1,000 kg/IBC, 1,200 kg/IBC

CHARACTERISTICS

| | |
|------------------|--|
| TRADE NAME | Sodium Hydroxide 32% |
| CHEMICAL NAME | Sodium Hydroxide |
| CHEMICAL FORMULA | NaOH |
| SYNONYMS | Caustic Soda, Caustic Soda Solution, Liquid Caustic Soda |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|---------------------------------|------|---------------|
| NaOH | % | 32±0.5 |
| Na ₂ CO ₃ | % | 0.5 max |
| NaCl | % | 0.05 max |
| Fe ₂ O ₃ | % | 0.002 max |

APPLICATION

Sodium Hydroxide is used in the production of paper pulp, soap, detergent, textiles, petroleum, cooking oil, pharmaceuticals, rubber, glass, metal-plating, water purification, stain removal, others.

PHYSICAL PROPERTIES

| | |
|-----------------------------|---|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Clear, Colorless |
| SPECIFIC GRAVITY | 1.34 at 30 deg C [water=1] |
| SOLUBILITY IN OTHER LIQUIDS | Soluble in all proportions in ethanol, methanol and glycerol |
| SOLUBILITY IN WATER | Soluble in all proportions |
| pH | 12 [0.05% solution] ; 13 [0.5% solution] ; 14 [5% solution] |

STORAGE CONDITION

- Store in a cool, dry, well-ventilation area.
- Store away from incompatible materials such as strong acids, nitroaromatic, nitroparaffinic or organhalogen compounds.

SODIUM HYDROXIDE 50%

CAS NO. 1310-73-2
UN NO. 1824



30 kg/drum



200 kg/drum



1,000 kg/IBC, 1,500/IBC

CHARACTERISTICS

| | |
|------------------|--|
| TRADE NAME | Sodium Hydroxide 50% |
| CHEMICAL NAME | Sodium Hydroxide |
| CHEMICAL FORMULA | NaOH |
| SYNONYMS | Caustic Soda, Caustic Soda Solution, Liquid Caustic Soda |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|---------------------------------|------|---------------|
| NaOH | % | 50±0.5 |
| Na ₂ CO ₃ | % | 0.5 max |
| NaCl | % | 0.05 max |
| Fe ₂ O ₃ | % | 0.002 max |

APPLICATION

Sodium Hydroxide is used in the production of paper pulp, soap, detergent, textiles, petroleum, cooking oil, pharmaceuticals, rubber, glass, metal-plating, water purification, stain removal, others.

PHYSICAL PROPERTIES

| | |
|-----------------------------|---|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Clear, Colorless |
| SPECIFIC GRAVITY | 1.53 at 15.5 deg C [water=1] |
| SOLUBILITY IN OTHER LIQUIDS | Soluble in all proportions in ethanol, methanol and glycerol |
| SOLUBILITY IN WATER | Soluble in all proportions |
| pH | 12 [0.05% solution] ; 13 [0.5% solution] ; 14 [5% solution] |

STORAGE CONDITION

- Store in a cool, dry, well-ventilation area.
- Store away from incompatible materials such as strong acids, nitroaromatic, nitroparaffinic or organhalogen compounds.

SODIUM HYPOCHLORITE 10%

CAS NO. 7681-52-9
UN NO. 1791



25 kg/drum



200 kg/drum



1,000 kg/IBC, 1,200 kg/IBC

CHARACTERISTICS

| | |
|------------------|-------------------------|
| TRADE NAME | Sodium Hypochlorite 10% |
| CHEMICAL NAME | Sodium Hypochlorite |
| CHEMICAL FORMULA | NaOCl |
| SYNONYMS | Hi-Chlor, Bleach |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|---------------------|------|---------------|
| Avaiable Chlorine | % | 10 min |
| Free Alkali as NaOH | % | 1.5 max |

APPLICATION

Sodium Hypochlorite is used as Bleaching agent in the dyeing, pulp and paper industries and also used as bactericide and fungicide, particularly for swimming pools, deodorizer for swimming pools, deodorizer for waste matters, water purification, sanitary agent for toilet and as oxidizing agent for rubber product.

PHYSICAL PROPERTIES

| | |
|---------------------|---|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Clear, Yellow Liquid |
| SPECIFIC GRAVITY | About 1.1 [6% solution]; 1.21 [14% solution] [water] |
| BOILING POINT [C] | Decompose above 40 deg C [104 deg F] |
| MELTING POINT | -6 deg C [21 deg F] [5% solution] |
| SOLUBILITY IN WATER | Soluble in all proportions |
| pH | Approx 11 |

STORAGE CONDITION

- Store in a cool, dry place, well-ventilation area and out of direct sunlight.
- Store away from heat and incompatible materials such as reducing materials, strong acids, and nitrogen compounds.

HYDROCHLORIC ACID 35%

CAS NO. 7647-01-0
UN NO. 1789



25 kg/drum



200 kg/drum



1,000 kg/IBC

CHARACTERISTICS

| | |
|------------------|-------------------------------|
| TRADE NAME | Hydrochloric Acid 35% |
| CHEMICAL NAME | Hydrochloric Acid |
| CHEMICAL FORMULA | HCl |
| SYNONYMS | Muriatic Acid, Spirit of Salt |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|----------|-------|---------------|
| HCl | % | 35±0.5 |
| Chlorine | % | 0.02 max |
| Fe | mg/kg | 4 max |

APPLICATION

Hydrochloric Acid is used in mining, plastic and monosodium glutamate industries. It is also used for cleaning metal to remove rust from its surface.

PHYSICAL PROPERTIES

| | |
|-------------------------|---------------------------|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Clear, Colorless |
| SPECIFIC GRAVITY | 1.16 - 1.17 |
| EVAPORATION RATE | Information not available |
| VAPOR PRESSURE | 100 mmHg at 20 deg C |
| VAPOR DENSITY [AIR = 1] | 1.268 |
| BOILING POINT | 108.6 deg C |
| FREEZING POINT | -35 deg C |
| SOLUBILITY IN WATER | Soluble |

STORAGE CONDITION

- Store in normal temperature, pressure and in close packaging, keep away from incompatible materials.

NITRIC ACID 68%

CAS NO. 7697-37-2
UN NO. 2031



35 kg/drum



280 kg/drum

CHARACTERISTICS

| | |
|------------------|------------------|
| TRADE NAME | Nitric Acid |
| CHEMICAL NAME | Nitric Acid |
| CHEMICAL FORMULA | HNO ₃ |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|-------|------|---------------|
| Color | % | 68 min |
| Water | % | 32 max |

APPLICATION

Nitric Acid are used in various industries such as for cleaning of stainless steel, gold and zinc galvanizing industries, chemical industries, manufacturing of resins, fibre and filament, rubber gloves, organic nitrate, printing Industries, automobile industry and in the manufacture of nitrocellulose for coating application.

PHYSICAL PROPERTIES

| | |
|-------------------------|---------------------------|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Colorless to pale yellow |
| EVAPORATION RATE | Information not available |
| VAPOR PRESSURE | 47.9 mmHg at 20 deg C |
| VAPOR DENSITY [AIR = 1] | 3.2 |
| BOILING POINT | 83 deg C |
| FREEZING POINT | -42 deg C |
| SOLUBILITY IN WATER | Soluble in ether |

STORAGE CONDITION

- Store in cool and well-ventilated area.
- Protect from direct sunlight and store in a closed container.
- Keep on the concrete floor of corrosion resistance.
- Keep away from incompatible materials.

CAUSTIC SODA FLAKE 98%

CAS NO. 1310-73-2
UN NO. 1823

25 kg/bag

CHARACTERISTICS

| | |
|------------------|------------------------|
| TRADE NAME | Caustic Soda Flake 98% |
| CHEMICAL NAME | Sodium Hydroxide Flake |
| CHEMICAL FORMULA | NaOH |
| SYNONYMS | Caustic Soda Solid |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|---------------------------------|------|---------------|
| NaOH | % | 98 min |
| Na ₂ CO ₃ | % | 1.5 max |
| NaCl | % | 0.15 max |
| Fe ₂ O ₃ | % | 0.005 max |

APPLICATION

Caustic Soda is used in the production of paper pulp, soap, detergent, textiles, petroleum, cooking oil, pharmaceuticals, rubber, glass, metal-plating, water purification, stain removal.

PHYSICAL PROPERTIES

| | |
|---------------------|------------------------------|
| PHYSICAL STATE | Solid flake |
| APPEARANCE AND ODOR | White, Odorless |
| SPECIFIC GRAVITY | 0.7 - 0.9 kg/dm ³ |
| MELTING POINT | 318.4 deg C |
| SOLUBILITY IN WATER | Very soluble |
| pH | 14 [5% solution] |

STORAGE CONDITION

- Store in a cool, dry, well-ventilation area.
- Store away from incompatible materials such as strong acid, nitroaromatic, nitroparaffinic or organohalogen compounds.

CAUSTIC SODA MICROPEARLS 99%

CAS NO. 1310-73-2
UN NO. 1823

25 kg/bag

CHARACTERISTICS

| | |
|------------------|------------------------------|
| TRADE NAME | Caustic Soda Micropearls 99% |
| CHEMICAL NAME | Sodium Hydroxide Micropearls |
| CHEMICAL FORMULA | NaOH |
| SYNONYMS | Caustic Soda Solid |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|---------------------------------|------|---------------|
| NaOH | % | 99 min |
| Na ₂ CO ₃ | % | 0.5 max |
| NaCl | % | 0.024 max |
| Na ₂ SO ₄ | % | 0.03 max |
| Fe ₂ O ₃ | % | 0.001 max |

APPLICATION

Caustic Soda is used in the production of paper pulp, soap, detergent, textiles, petroleum, cooking oil, pharmaceuticals, rubber, glass, metal-plating, water purification, stain removal.

PHYSICAL PROPERTIES

| | |
|---------------------|------------------------------|
| PHYSICAL STATE | Solid Micropearls |
| APPEARANCE AND ODOR | White, Odorless |
| SPECIFIC GRAVITY | 2.13 at 20 deg C |
| BULK DENSITY | 1.1 - 1.2 kg/dm ³ |
| MELTING POINT | 318.4 deg C |
| SOLUBILITY IN WATER | Very soluble |
| pH | 14 [5% solution] |

STORAGE CONDITION

- Store in a cool, dry, well-ventilation area.
- Store away from incompatible materials such as strong acid, nitroaromatic, nitroparaffinic or organohalogen compounds.

POLY ALUMINIUM CHLORIDE 10%

CAS NO. 1327-41-9
UN NO. 1760



25 kg/drum



1,000 kg/IBC

CHARACTERISTICS

| | |
|------------------|-------------------------------------|
| TRADE NAME | Polyaluminium Chloride 10% [Liquid] |
| CHEMICAL NAME | Poly Aluminium Chloride |
| CHEMICAL FORMULA | $[Al_2(OH)_n Cl_{6-n}]_m$ |
| SYNONYMS | Liquid PAC |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|--------------------------------|------|---------------|
| Al ₂ O ₃ | % | 10.0-11.0 |
| Basicity | % | 45-65 |
| SO ₄ ²⁻ | % | 3.5 max |
| N | ppm | 100 max |
| As | ppm | 1.0 max |
| Fe | ppm | 100 max |
| Mn | ppm | 15.0 max |
| Cd | ppm | 1.0 max |
| Pb | ppm | 5.0 max |
| Hg | ppm | 0.1 max |
| Cr | ppm | 5.0 max |

PHYSICAL PROPERTIES

| | |
|---------------------|---|
| PHYSICAL STATE | Liquid |
| APPEARANCE AND ODOR | Colorless to clear light, yellowish brown |
| SPECIFIC GRAVITY | 1.19 at 20 deg C |
| BULK DENSITY | 1.1 – 1.2 kg/dm ³ |
| SOLUBILITY IN WATER | Soluble |
| pH | 3.5-5.0 [10g/l solution] |

APPLICATION

For Water Treatment.

STORAGE CONDITION

- Store in a cool, dry, well-ventilation area and out of direct sunlight.
- Store away from incompatible materials such as calcium hypochlorite, acids, alkalis and metals.

POLY ALUMINIUM CHLORIDE 30%

CAS NO. 39290-78-3
UN NO. 1760

25 kg/bag

CHARACTERISTICS

| | |
|------------------|--|
| TRADE NAME | Poly Aluminium Chloride 30% [Powder] |
| CHEMICAL NAME | Poly Aluminium Chloride |
| CHEMICAL FORMULA | $[Al_2(OH)_n Cl_{6-n}]_m$ |
| SYNONYMS | Aluminum Chlorohydroxide, Polybasic Aluminum-Hydroxychloride |

CHEMICAL COMPOSITION

| ITEM | UNIT | SPECIFICATION |
|-------------|------|---------------|
| Al_2O_3 | % | 30±0.5 |
| Basicity | % | 45 min |
| SO_4^{2-} | % | 10.5 max |
| N | ppm | 300 max |
| As | ppm | 3.0 max |
| Fe | ppm | 500 max |
| Mn | ppm | 45.0 max |
| Cd | ppm | 3.0 max |
| Pb | ppm | 15.0 max |
| Hg | ppm | 0.3 max |
| Cr | ppm | 15.0 max |

PHYSICAL PROPERTIES

| | |
|---------------------|-----------------------------|
| PHYSICAL STATE | Power |
| APPEARANCE AND ODOR | Pale Yellow |
| pH | 3.5 – 5.0 [10 g/l solution] |

APPLICATION

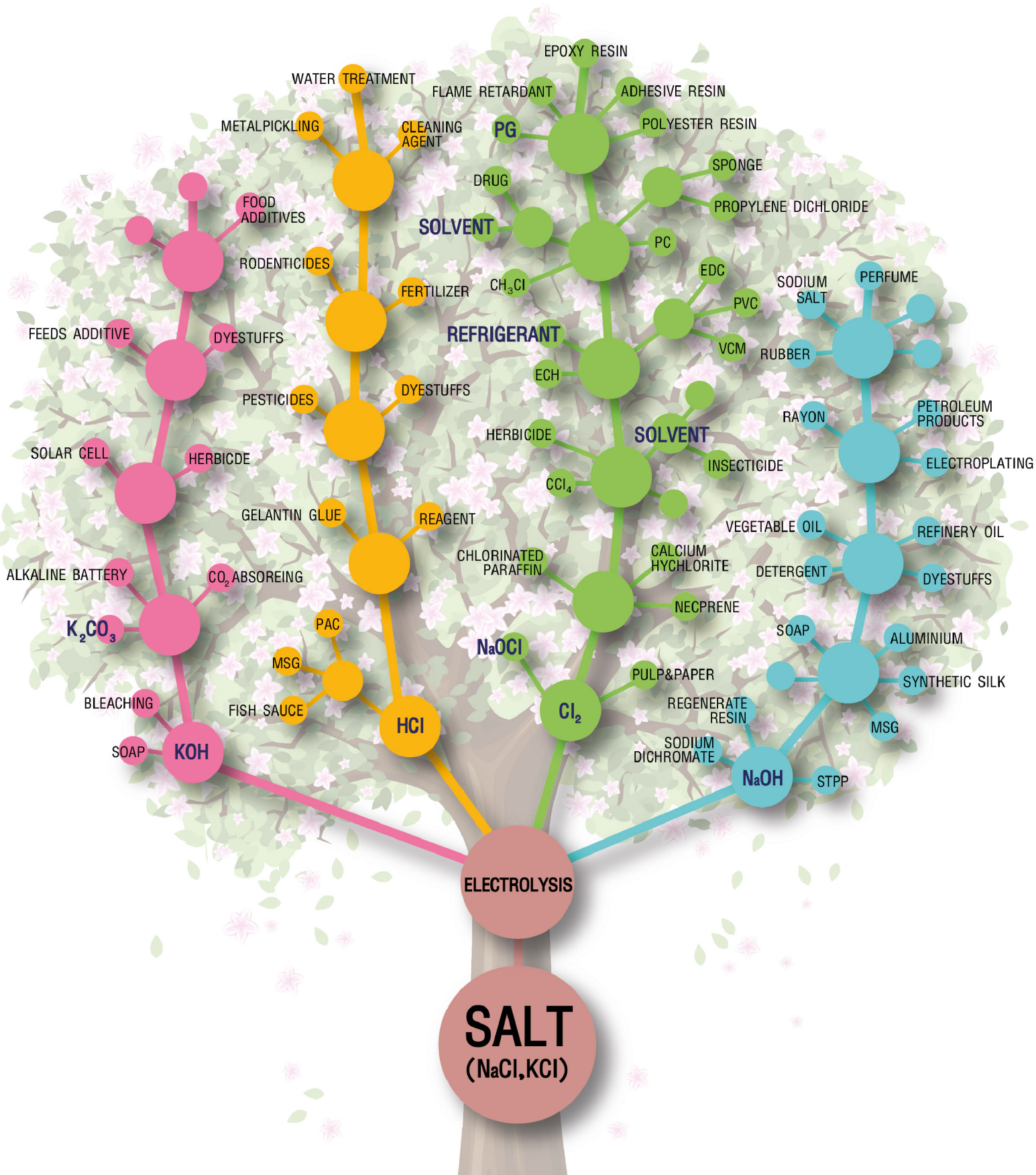
For Water Treatment.

STORAGE CONDITION

- Store in a cool and dry.
- Store away from air.
- Store away from incompatible materials such as alkalis.



BRANCH OF CHLOR-ALKALI TREE





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