SAFETY DATASHEET
According to the Globally Harmonized System and US regulation

Linquest EDTA 100
Version 2 Revision Date 12/02/2015 Print Date 04/30/2018 US / Z8

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Linquest EDTA 100
Product Use Description : Specific use(s): Chelating agent
Chemical characterization : Ethylenediaminetetraacetic acid, tetrasodium salt
Aqueous solution
Company : Lincoln Fine Ingredients, a Maroon Group LLC Co.
50 Industrial Circle
Lincoln, RI 02865
United States
Telephone : 401-722-2410
Fax : 401-727-0752
E-mail address : Lincolnfineingredients@lincolnfineingredients.com
Emergency telephone : CHEMTREC-USA :1-800-424-9300
CHEMTREC outside USA +1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

| Appearance | liquid |
| Color      | light yellow |
| Odor       | Slightly ammonia like |

GHS Classification

Corrosive to Metals, Category 1
Acute toxicity, Category 4, Inhalation
Eye irritation, Category 2A
Specific target organ systemic toxicity - repeated exposure, Category 2, Inhalation

GHS Label element

Hazard pictograms :

Signal Word : Warning

Hazard Statements : H290 May be corrosive to metals.
H319 Causes serious eye irritation.
Precautionary Statements:

Prevention:
P234 Keep only in original container.
P260 Do not breathe mist, vapors or spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 Get medical advice/ attention if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P390 Absorb spillage to prevent material damage.

Disposal:
P501 Dispose of contents/container in accordance with local regulation.

Potential Health Effects:

Inhalation:
Inhalation of aerosols may cause irritation to mucous membranes.
Thermal decomposition can lead to release of irritating gases and vapors.
Harmful if inhaled.

Skin:
May cause skin irritation.

Eyes:
Causes serious eye irritation.

Ingestion:
May be harmful if swallowed.

Aggravated Medical Condition:
None known.

Symptoms of Overexposure:
The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

Carcinogenicity:

IARC:
Group 2B: Possibly carcinogenic to humans
Nitrilotriacetic acid, trisodium salt 5064-31-3

OSHA:
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP:
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Classification</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylenediaminetetraacetic acid, tetradsodium salt</td>
<td>64-02-8</td>
<td>Acute Tox. 4; H302</td>
<td>30 - 50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2A; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT RE 2; H373</td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>Met. Corr. 1; H290</td>
<td>0.5 - 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Corr. 1A; H314</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Dam. 1; H318</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aquatic Acute 3; H402</td>
<td></td>
</tr>
<tr>
<td>Nitrilotriacetic acid, trisodium salt</td>
<td>5064-31-3</td>
<td>Acute Tox. 4; H302</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2A; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Carc. 2; H351</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

**General advice**

- Move out of dangerous area.
- Consult a physician.
- Show this material safety data sheet to the doctor in attendance.

**Inhalation**

- If breathed in, move person into fresh air.
- Consult a physician after significant exposure.

**Skin contact**

- Take off contaminated clothing and shoes immediately.
- Rinse immediately with plenty of water.

**Eye contact**

- Rinse with plenty of water.
- Remove contact lenses.
- Protect unharmed eye.
- Keep eye wide open while rinsing.
- Obtain medical attention.

**Ingestion**

- Clean mouth with water and drink afterwards plenty of water.
- Never give anything by mouth to an unconscious person.
- Obtain medical attention.

**Notes to physician**

**Symptoms**

- The symptoms and effects are as expected from the hazards
as shown in section 2. No specific product related symptoms are known.

Treatment: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting / Specific hazards arising from the chemical: Water spray may be ineffective unless used by experienced firefighters. Do not allow run-off from fire fighting to enter drains or water courses.

Combustion products: No hazardous combustion products are known

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Further information: Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

See also Section 9. Physical and chemical properties: Safety data

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment. Wear respiratory protection. Ensure adequate ventilation.

Environmental precautions: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods for cleaning up / Methods for containment: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Additional advice: For personal protection see section 8.

7. HANDLING AND STORAGE

Handling
Advice on safe handling: For personal protection see section 8. Avoid formation of aerosol. Do not breathe vapors or spray mist. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Dispose of rinse water in accordance with local and national regulations. Avoid contact with skin, eyes and clothing.
Advice on protection against fire and explosion

Storage
Requirements for storage areas and containers:

- Prevent unauthorized access.
- Keep container tightly closed in a dry and well-ventilated place.
- Store in closed dark containers made of anti-corrosive material.

Other data:
- No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Ingredients with workplace control parameters

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
<th>Form of exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>CEIL</td>
<td>2 mg/m³</td>
<td>1994-09-01</td>
<td>ACGIH</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C</td>
<td>2 mg/m³</td>
<td>2013-03-01</td>
<td>ACGIH</td>
<td></td>
</tr>
</tbody>
</table>

Further information:
- Upper Respiratory Tract irritation
- Eye irritation
- Skin irritation

<table>
<thead>
<tr>
<th>Value</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
<th>Form of exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>2 mg/m³</td>
<td>2013-10-08</td>
<td>NIOSH REL</td>
<td></td>
</tr>
<tr>
<td>TWA</td>
<td>2 mg/m³</td>
<td>1997-08-04</td>
<td>OSHA Z-1</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2 mg/m³</td>
<td>1989-01-19</td>
<td>OSHA P0</td>
<td></td>
</tr>
</tbody>
</table>

Hazardous substance

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Value</th>
<th>Control parameters</th>
<th>Basis</th>
<th>Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>Immediately Dangerous to Life or Health Concentration Value</td>
<td>10 mg/m³</td>
<td>US IDLH</td>
<td>1995-03-01</td>
</tr>
</tbody>
</table>

Further information:
- Immediately Dangerous to Life or Health Concentrations (IDLH)

Engineering measures

Effective exhaust ventilation system
Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protective equipment
**Eye/face protection**: Tightly fitting safety goggles

**Skin and body protection**: Protective suit

**Respiratory protection**: In the case of vapor or aerosol formation use a respirator with an approved filter. Filter A

**Hygiene measures**: Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

**Environmental exposure controls**

**General advice**: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**

- **Form**: liquid
- **Color**: light yellow
- **Odor**: Slightly ammonia like
- **Odor Threshold**: not determined

**Safety data**

- **pH**: 11 - 12 1% (water)
- **Melting point**: Not applicable
- **Boiling point/boiling range**: 105 - 110 °C
- **Flash point**: not (in)flammable. Product is not flammable (aqueous)
- **Evaporation rate**: No data available
- **Flammability (solid, gas)**: Not applicable
- **Flammability (liquids)**: Not classified as a flammability hazard
- **Lower explosion limit**: Not applicable
- **Upper explosion limit**: Not applicable
- **Vapor pressure**: similar to water
- **Relative vapor density**: similar to water
- **Relative density**: 1.15 - 1.38
Bulk density: Not applicable
Water solubility: completely miscible
Solubility in other solvents: No data available
Partition coefficient: n-octanol/water: log Pow: < 0
Autoignition temperature: Not applicable
Decomposition temperature: No data available
Viscosity, dynamic: ca. 19 mPa.s at 20 °C
Viscosity, kinematic: 13.80 - 16.50 mm2/s at 20 °C
Explosive properties: Not explosive
Oxidizing properties: Not classified as oxidizing.
Corrosive to metals: Corrosive to metals

This material safety datasheet only contains information relating to safety and does not replace any product information or product specification.

10. STABILITY AND REACTIVITY

Conditions to avoid: None known.
Materials to avoid: Aluminum
Zinc
Copper alloys
Copper
Nickel
Hazardous decomposition products: Carbon oxides
nitrogen oxides (NOx)
Thermal decomposition: No data available
Reactivity: Stable under normal conditions.
Chemical stability: Stable under recommended storage conditions.
Hazardous reactions: No dangerous reaction known under conditions of normal use.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

Toxicology Assessment
Further information: May cause damage to organs through prolonged or repeated
exposure. Suspected of causing cancer.

Test result
Acute oral toxicity: Acute toxicity estimate: 4,506 mg/kg
Method: Calculation method

Acute inhalation toxicity: Acute toxicity estimate: 3.8 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Skin irritation: Result: No skin irritation
Method: OECD Test Guideline 439

Eye irritation: Result: Eye irritation

Carcinogenicity:
IARC: Group 2B: Possibly carcinogenic to humans
Nitrilotriacetic acid, trisodium salt 5064-31-3

OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

TOXICOLOGY DATA FOR THE INGREDIENTS:

Toxicology Assessment

Component: Sodium hydroxide
CMR effects: Mutagenicity: In vivo tests did not show mutagenic effects,
Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Component: Nitrilotriacetic acid, trisodium salt
CMR effects: Carcinogenicity: Limited evidence of a carcinogenic effect.

Test result

Component: Ethylenediaminetetraacetic acid, tetrasodium salt
Acute oral toxicity: LD50: 1,780 mg/kg
Species: Rat
Read-across (Analogy)

Acute inhalation toxicity: LC50 (Rat): > 1 - 5 mg/l
Exposure time: 4 h  
Test atmosphere: dust/mist

Eye irritation: Result: Eye irritation

Target Organ Systemic Toxicant - Repeated exposure: Routes of exposure: Inhalation  
May cause damage to organs through prolonged or repeated exposure.

**Component: Sodium hydroxide**

Skin irritation: Result: Causes severe burns.

Eye irritation: Result: Risk of serious damage to eyes.

Sensitization: Result: Does not cause skin sensitization.

Germ cell mutagenicity
Genotoxicity in vitro: In vitro tests did not show mutagenic effects

**Component: Nitrilotriacetic acid, trisodium salt**

Acute oral toxicity: LD50: 1,740 mg/kg  
Species: Rat

Eye irritation: Result: Irritating to eyes.

12. ECOLOGICAL INFORMATION

**PRODUCT INFORMATION:**

Ecotoxicology Assessment: Additional ecological information: None known.

Further information on ecology

**Hazardous to the ozone layer**

Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

**INGREDIENTS:**

Ecotoxicology Assessment

**Component: Sodium hydroxide**

Chronic aquatic toxicity: This product has no known ecotoxicological effects.
Test result

Component: Ethylenediaminetetra acetic acid, tetrasodium salt

Ecotoxicity effects
Toxicity to fish: LC50: > 100 mg/l
  Exposure time: 96 h
  Species: Fish

Toxicity to daphnia and other aquatic invertebrates: EC50: > 500 mg/l
  Exposure time: 24 h
  Species: Daphnia magna (Water flea)

Toxicity to algae: EC50: > 100 mg/l
  Exposure time: 72 h
  Species: algae

Elimination information (persistence and degradability)
Bioaccumulation: No data available

Mobility: No data available

Biodegradability: Result: Not readily biodegradable.

Further information on ecology
Biochemical Oxygen Demand (BOD): No data available

Component: Sodium hydroxide

Ecotoxicity effects
Toxicity to daphnia and other aquatic invertebrates: EC50: 40.4 mg/l
  Exposure time: 48 h
  Species: Ceriodaphnia (water flea)
  Test Type: Immobilization

Elimination information (persistence and degradability)
Bioaccumulation: Does not bioaccumulate.

Mobility: Can be leached out from soil.

Distribution among environmental compartments: Transport to air is not expected.

Biodegradability: Result: Not applicable

Further information on ecology
Biochemical Oxygen Demand: No data available
Demand (BOD)

**Component: Nitrilotriacetic acid, trisodium salt**

**Ecotoxicity effects**
Toxicity to fish: LC50: > 100 mg/l
Exposure time: 96 h
Species: Pimephales promelas (fathead minnow)

**Elimination information (persistence and degradability)**
Bioaccumulation: Bioaccumulation is unlikely.
Mobility: Adsorption to the solid soil particles is not expected.
Biodegradability: Result: Readily biodegradable.

**Further information on ecology**
Biochemical Oxygen Demand (BOD): No data available

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**13. DISPOSAL CONSIDERATIONS**

Product: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Hazardous waste
Dispose of contents/container in accordance with local regulation.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.

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**14. TRANSPORT INFORMATION**

**International Regulation**

<table>
<thead>
<tr>
<th>IATA-DGR</th>
<th>UN/ID No.</th>
<th>Proper shipping name</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UN 3267</td>
<td>Corrosive liquid, basic, organic, n.o.s.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Ethylenediaminetetraacetic acid, tetrasodium salt)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group</td>
<td>III</td>
</tr>
<tr>
<td>Labels</td>
<td>8</td>
</tr>
<tr>
<td>Packing instruction (cargo aircraft)</td>
<td>856</td>
</tr>
<tr>
<td>Packing instruction (passenger aircraft)</td>
<td>852</td>
</tr>
<tr>
<td>Packing instruction (LQ)</td>
<td>Y841</td>
</tr>
</tbody>
</table>

**Environmentally hazardous**
no

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Maroon Group LLC | 50 Industrial Circle | Lincoln, RI 02865 | 401-722-2410 | www.MaroonGroupLLC.com
UN number : UN 3267
Proper shipping name : CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (Ethylenediaminetetraacetic acid, tetrasodium salt)
Class : 8
Packing group : III
Labels : 8
EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

Domestic regulation
49 CFR
Not regulated as a dangerous good

15. REGULATORY INFORMATION

Notification status
TSCA : YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.
DSL : YES. All components of this product are on the Canadian DSL
AICS : YES. On the inventory, or in compliance with the inventory
NZIoC : NO. On the inventory, or in compliance with the inventory
ENCS : YES. On the inventory, or in compliance with the inventory
ISHL : YES. On the inventory, or in compliance with the inventory
KECI : YES. On the inventory, or in compliance with the inventory
PICCS : YES. On the inventory, or in compliance with the inventory
IECSC : YES. On the inventory, or in compliance with the inventory

For explanation of abbreviations, see section 16.

TSCA list
TSCA 5(a)(2) : No substances are subject to a Significant New Use Rule.
TSCA 12(b) : No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS-No.</th>
<th>Component RQ (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide</td>
<td>1310-73-2</td>
<td>1000 lbs</td>
</tr>
</tbody>
</table>

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard
                      : Chronic Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC’s (40 CFR 60.489).

Clean Water Act

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

- Sodium hydroxide 1310-73-2

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

- Sodium hydroxide 1310-73-2

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations

Massachusetts Right To Know

- Sodium hydroxide 1310-73-2 1 - 5 %
- Nitrilotriacetic acid, trisodium salt 5064-31-3 0.1 - 1 %

Pennsylvania Right To Know

- Ethylenediaminetetraacetic acid, tetrassodium salt 64-02-8 30 - 50 %
- Sodium hydroxide 1310-73-2 1 - 5 %

New Jersey Right To Know

- Ethylenediaminetetraacetic acid, tetrassodium salt 64-02-8 30 - 50 %
- Sodium hydroxide 1310-73-2 1 - 5 %

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

Full text of H-Statements

<table>
<thead>
<tr>
<th>H</th>
<th>Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>H290</td>
<td>May be corrosive to metals.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>H351</td>
<td>Suspected of causing cancer.</td>
</tr>
<tr>
<td>H373</td>
<td>May cause damage to organs through prolonged or repeated exposure if inhaled.</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life.</td>
</tr>
</tbody>
</table>

Full text of other abbreviations
(Q)SA R - (Quantitative) Structure Activity Relationship; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardization; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organization for Standardization; LC50 - Lethal Concentration to 50% of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NC - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperatures; SDS - Safety Data Sheet; TDG - Transportation of Dangerous Goods; UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; VP vB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System; DSL - Domestic Substances List (Canada); KECl - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECS C - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); P ICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice

Further information

**HMIS Classification**
- Health Hazard: 2
- Chronic Health Hazard: *
- Flammability: 0
- Physical hazards: 0

**NFPA Classification**
- Health Hazard: 2
- Fire Hazard: 0
- Reactivity Hazard: 0

**Notification status explanation**
- **REACH**
  - 1907/2006 (EU)
- **TSCA**
  - United States TSCA Inventory
- **DSL**
  - Canadian Domestic Substances List (DSL)
- **AICS**
  - Australia Inventory of Chemical Substances (AICS)
- **NZIoC**
  - New Zealand Inventory of Chemical Substances
- **ENCS**
  - Japan. ENCS - Existing and New Chemical Substances Inventory
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ISHL  
Japan. ISHL - Inventory of Chemical Substances

KECI  
Korea. Korean Existing Chemicals Inventory (KECI)

PICCS  
Philippines Inventory of Chemicals and Chemical Substances (PICCS)

IECSC  
China. Inventory of Existing Chemical Substances in China (IECSC)

Further information
Revision Date 12/02/2015

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