SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
Product Name: CalVer® 2 Calcium Indicator
Safety data sheet number: M00005

Other means of identification
Product Code(s): 85299

Manufacturer Address
Hach Company
P.O.Box 389  Loveland, CO 80539 USA
(970) 669-3050

Emergency Telephone
(303) 623-5716 - 24 Hour Service  (515)232-2533 - 8am - 4pm CST

2. HAZARDS IDENTIFICATION

GHS - Classification
Acute toxicity - Oral: Category 5

Label elements
Signal word - Warning

Hazard statements
H303 - May be harmful if swallowed

Precautionary statements
P312 - Call a POISON CENTER or doctor if you feel unwell

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family: Mixture

Substance
Not applicable

Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Formula</th>
<th>CAS No</th>
<th>EC No</th>
<th>Percent Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>NaCl</td>
<td>7647-14-5</td>
<td>231-598-3</td>
<td>&gt;99%</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid</td>
<td>C₁₄H₁₀O₄S₃Na₃</td>
<td>63451-35-4</td>
<td>264-197-7</td>
<td>0.1 - 1%</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Description of first aid measures

General advice
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Eye contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

Skin contact
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If symptoms persist, call a physician.

Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.

Ingestion
IF SWALLOWED: Rinse Mouth. If symptoms persist, call a physician.

Self-protection of the first aider
Use personal protective equipment as required. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Most important symptoms and effects, both acute and delayed

Symptoms
See Section 11: TOXICOLOGICAL INFORMATION.

Indication of any immediate medical attention and special treatment needed

Note to physicians
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire-fighting Measures

Flammable properties
During a fire, irritating and highly toxic gases may be generated by thermal decomposition.

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media
Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
None reported.

Hazardous combustion products
Chlorides. Sodium monoxide.

Protective equipment and precautions for firefighters
Wear self-contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Evacuate personnel to safe areas. Do not touch or walk through spilled material. Ventilate affected area. Use personal protective equipment as required.
Environmental precautions
Avoid release to the environment. See Section 12 for additional ecological information.

Methods for containment
Prevent further leakage or spillage if safe to do so. Cover with plastic sheet to prevent spreading.

Methods for cleaning up
Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Dispose of in accordance with local, state and federal regulations or laws.

Prevention of secondary hazards
Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling
Advice on safe handling
Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities
Storage Conditions
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Flammability class
Not applicable

Incompatible materials
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>India</th>
<th>Thailand</th>
<th>Russia</th>
<th>Israel</th>
<th>South Africa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (&gt;99%)</td>
<td>NDF</td>
<td>NDF</td>
<td>MAC: 5 mg/m³</td>
<td>NDF</td>
<td>NDF</td>
</tr>
<tr>
<td>CAS#: 7647-14-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend
See section 16 for terms and abbreviations

Engineering Controls
Showers. Eyewash stations. Ventilation systems.

Personal Protective Equipment
Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear protective gloves and protective clothing.

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Regular cleaning of equipment, work area and clothing is recommended.

Environmental exposure controls
Avoid creating dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state
Solid
Gas Under Pressure  
Not classified according to GHS criteria

Appearance  powder  
Color  Light pink to lavender

Odor  Amine  
Odor threshold  No data available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molecular weight</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>7.9</td>
<td>5% Solution;</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>274 °C / 525 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Vapor density (air = 1)</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Specific gravity (water = 1 / air = 1)</td>
<td>2.13</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient (n-octanol/water)</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Soil Organic Carbon-Water Partition Coefficient</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>274 °C / 525 °F</td>
<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>Not applicable</td>
<td></td>
</tr>
</tbody>
</table>

Solubility(ies)

Water solubility

<table>
<thead>
<tr>
<th>Water solubility classification</th>
<th>Water solubility</th>
<th>Water Solubility Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soluble</td>
<td>&gt; 1000 mg/L</td>
<td>25 °C / 77 °F</td>
</tr>
</tbody>
</table>

Solubility in other solvents

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Solubility classification</th>
<th>Solubility</th>
<th>Solubility Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>None reported</td>
<td>No information available</td>
<td>No data available</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Other Information

Metal Corrosivity  
Not classified as corrosive to metal according to GHS criteria

Steel Corrosion Rate  
Not applicable

Aluminum Corrosion Rate  
Not applicable

Volatile Organic Compounds (VOC) Content  
Not applicable.
10. STABILITY AND REACTIVITY

Reactivity properties
Not classified as self-reactive, pyrophoric, self-heating or emitting flammable gases in contact with water according to GHS criteria.

Stability
Stable under normal conditions.

Special dangers of the product
None reported.

Conditions to avoid
Extreme temperatures. Excess exposure to air (carbon dioxide) may make powder turn purple.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None under normal use conditions.

Possibility of Hazardous Reactions
None under normal processing.

Explosive properties
Not classified according to GHS criteria.

Upper explosion limit
No data available

Lower explosion limit
No data available

Autoignition temperature
No data available

Sensitivity to Static Discharge
None reported.

Sensitivity to Mechanical Impact
None reported.
### 11. TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

<table>
<thead>
<tr>
<th>Product Information</th>
<th>May be harmful if swallowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>No known effect based on information supplied.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>No known effect based on information supplied.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No known effect based on information supplied.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
</tbody>
</table>

| Aggravated Medical Conditions | None known. |
| Toxically synergistic products | None known. |
| Toxicokinetics, metabolism and distribution | No information available. |

#### Product Acute Toxicity Data

| Oral Exposure Route | No data available |
| Dermal Exposure Route | No data available |
| Inhalation (Dust/Mist) Exposure Route | No data available |
| Inhalation (Vapor) Exposure Route | No data available |
| Inhalation (Gas) Exposure Route | No data available |

The following values are calculated based on chapter 3.1 of the GHS document:

- **ATEmix (oral)**: 3,023.00 mg/kg

#### Ingredient Acute Toxicity Data

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Endpoint type</th>
<th>Reported dose</th>
<th>Exposure time</th>
<th>Toxicological effects</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (&gt;99%)</td>
<td>Rat LD&lt;sub&gt;50&lt;/sub&gt;</td>
<td>3000 mg/kg</td>
<td>None reported</td>
<td>None reported</td>
<td>IUCLID (The International Uniform Chemical Information Database)</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo]-, trisodium salt (0.1 - 1%)</td>
<td>Rat LD&lt;sub&gt;50&lt;/sub&gt;</td>
<td>5000 mg/kg</td>
<td>None reported</td>
<td>None reported</td>
<td>Vendor SDS</td>
</tr>
</tbody>
</table>

#### Dermal Exposure Route

No data available

#### Inhalation (Dust/Mist) Exposure Route

No data available

#### Inhalation (Vapor) Exposure Route

No data available

#### Inhalation (Gas) Exposure Route

No data available

#### Product Skin Corrosion/Irritation Data

No data available.
**Ingredient Skin Corrosion/Irritation Data**
Toxicological data for ingredients is not indicative of likely harm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Test method</th>
<th>Species</th>
<th>Reported dose</th>
<th>Exposure time</th>
<th>Results</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (&gt;99%) CAS#: 7647-14-5</td>
<td>Standard Draize Test</td>
<td>Rabbit</td>
<td>500 mg</td>
<td>24 hours</td>
<td>Mild skin irritant</td>
<td>RTECS (Registry of Toxic Effects of Chemical Substances)</td>
</tr>
</tbody>
</table>

**Product Serious Eye Damage/Eye Irritation Data**
No data available.

**Ingredient Eye Damage/Eye Irritation Data**
Toxicological data for ingredients is not indicative of likely harm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Test method</th>
<th>Species</th>
<th>Reported dose</th>
<th>Exposure time</th>
<th>Results</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (&gt;99%) CAS#: 7647-14-5</td>
<td>Standard Draize Test</td>
<td>Rabbit</td>
<td>100 mg</td>
<td>None reported</td>
<td>Mild eye irritant</td>
<td>RTECS (Registry of Toxic Effects of Chemical Substances)</td>
</tr>
</tbody>
</table>

**Sensitization Information**

**Product Sensitization Data**

**Skin Sensitization Exposure Route**
No data available.

**Respiratory Sensitization Exposure Route**
No data available.

**Ingredient Sensitization Data**

**Skin Sensitization Exposure Route**
No data available.

**Respiratory Sensitization Exposure Route**
No data available.

**Chronic Toxicity Information**

**Product Repeat Dose Toxicity Data**

**Oral Exposure Route**
No data available.

**Dermal Exposure Route**
No data available.

**Inhalation (Dust/Mist) Exposure Route**
No data available.

**Inhalation (Vapor) Exposure Route**
No data available.

**Inhalation (Gas) Exposure Route**
No data available.

**Ingredient Repeat Dose Toxicity Data**

**Oral Exposure Route**
No data available.

**Dermal Exposure Route**
No data available.

**Inhalation (Dust/Mist) Exposure Route**
No data available.

**Inhalation (Vapor) Exposure Route**
No data available.
### Inhalation (Gas) Exposure Route

No data available

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo]-, trisodium salt</td>
<td>63451-35-4</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

### Legend

| ACGIH (American Conference of Governmental Industrial Hygienists) | Does not apply |
| IARC (International Agency for Research on Cancer)               | Does not apply |
| NTP (National Toxicology Program)                                | Does not apply |
| OSHA (Occupational Safety and Health Administration of the US Department of Labor) | Does not apply |

### Product Carcinogenicity Data

No data available

- Oral Exposure Route
- Dermal Exposure Route
- Inhalation (Dust/Mist) Exposure Route
- Inhalation (Vapor) Exposure Route
- Inhalation (Gas) Exposure Route

### Ingredient Carcinogenicity Data

No data available

- Oral Exposure Route
- Dermal Exposure Route
- Inhalation (Dust/Mist) Exposure Route
- Inhalation (Vapor) Exposure Route
- Inhalation (Gas) Exposure Route

### Product Germ Cell Mutagenicity\textit{invitro}Data

No data available

### Ingredient Germ Cell Mutagenicity\textit{invitro}Data

No data available

- Oral Exposure Route
- Dermal Exposure Route
- Inhalation (Dust/Mist) Exposure Route
- Inhalation (Vapor) Exposure Route
- Inhalation (Gas) Exposure Route
12. ECOLOGICAL INFORMATION

Ecotoxicity

- Based on the classification principles, not classified as hazardous to the environment

Unknown Aquatic Toxicity

- 0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Product Ecological Data

Aquatic toxicity

- Fish: No data available
- Crustacea: No data available
- Algae: No data available

Terrestrial toxicity

- Soil: No data available
- Vertebrates: No data available
- Invertebrates: No data available

Ingredient Ecological Data
### Aquatic toxicity

**Fish**  
Toxicological data for ingredients is not indicative of likely harm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure time</th>
<th>Species</th>
<th>Endpoint type</th>
<th>Reported dose</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride(^{ (&gt;99%)}) CAS#: 7647-14-5</td>
<td>96 hours</td>
<td><em>Lepomis macrochirus</em></td>
<td>LC(_{50})</td>
<td>5840 mg/L</td>
<td>IUCLID (The International Uniform Chemical Information Database)</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[2-hydroxy-4-sulfo-1-naphthalenyl]azo]-, trisodium salt (^{(0.1 - 1%)}) CAS#: 63451-35-4</td>
<td>96 hours</td>
<td>None reported</td>
<td>LC(_{50})</td>
<td>365 mg/L</td>
<td>Estimation through ECOSARS v1.11 part of the Estimation Programs Interface (EPI Suitë™)</td>
</tr>
</tbody>
</table>

**Crustacea**  
Toxicological data for ingredients is not indicative of likely harm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure time</th>
<th>Species</th>
<th>Endpoint type</th>
<th>Reported dose</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride(^{ (&gt;99%)}) CAS#: 7647-14-5</td>
<td>48 Hours</td>
<td><em>Daphnia magna</em></td>
<td>EC(_{50})</td>
<td>1661 mg/L</td>
<td>IUCLID (The International Uniform Chemical Information Database)</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[2-hydroxy-4-sulfo-1-naphthalenyl]azo]-, trisodium salt (^{(0.1 - 1%)}) CAS#: 63451-35-4</td>
<td>48 Hours</td>
<td>None reported</td>
<td>LC(_{50})</td>
<td>3035 mg/L</td>
<td>Estimation through ECOSARS v1.11 part of the Estimation Programs Interface (EPI Suitë™)</td>
</tr>
</tbody>
</table>

**Algae**  
Toxicological data for ingredients is not indicative of likely harm.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Exposure time</th>
<th>Species</th>
<th>Endpoint type</th>
<th>Reported dose</th>
<th>Key literature references and sources for data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride(^{ (&gt;99%)}) CAS#: 7647-14-5</td>
<td>7 days</td>
<td>None reported</td>
<td>NOEC</td>
<td>1500 mg/L</td>
<td>IUCLID (The International Uniform Chemical Information Database)</td>
</tr>
</tbody>
</table>

### Terrestrial toxicity

**Soil**  
No data available

**Vertebrates**  
No data available

**Invertebrates**  
No data available

### Other Information
Persistence and degradability
None known.

Product Biodegradability Data
If available, see ingredient data below.

Ingredient Biodegradability Data
Test data reported below

Bioaccumulation
None known.

Product Bioaccumulation Data
No data available.

Ingredient Bioaccumulation Data
No data available

Additional information

Product Information
No data available

Partition Coefficient (n-octanol/water)
No data available

Ingredient Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient (n-octanol/water)</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo]-, trisodium salt (0.1 - 1%) CAS#: 63451-35-4</td>
<td>log $K_{ow} = -1.52$</td>
<td>Estimation through KOWWIN v1.68 part of the Estimation Programs Interface (EPI) Suite™</td>
</tr>
</tbody>
</table>

Mobility
Mobility in soil: Moderate to high mobility. If available, see ingredient data below.

Product Information
No data available

Soil Organic Carbon-Water Partition Coefficient
No data available

Ingredient Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Soil Organic Carbon-Water Partition Coefficient</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo]-, trisodium salt (0.1 - 1%) CAS#: 63451-35-4</td>
<td>log $K_{oc} = 6.41$</td>
<td>Estimation through KOCWIN v2.00 part of the Estimation Programs Interface (EPI) Suite™</td>
</tr>
</tbody>
</table>

Additional information

Water solubility

Product Information

<table>
<thead>
<tr>
<th>Water solubility classification</th>
<th>Water solubility</th>
<th>Water Solubility Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soluble</td>
<td>&gt; 1000 mg/L</td>
<td>25 °C / 77 °F</td>
</tr>
</tbody>
</table>
### Ingredient Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Water solubility classification</th>
<th>Water solubility temperature °C</th>
<th>Water solubility temperature °F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride (&gt;99%)</td>
<td>Completely soluble</td>
<td>0 °C</td>
<td>32 °F</td>
</tr>
<tr>
<td>CAS#: 7647-14-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo], trisodium salt (0.1 - 1%)</td>
<td>Soluble</td>
<td>&gt; 1000 mg/L</td>
<td>25 °C</td>
</tr>
<tr>
<td>CAS#: 63451-35-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Other adverse effects
No information available.

# 13. DISPOSAL CONSIDERATIONS

## Waste treatment methods

### Disposal of wastes
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

### Contaminated packaging
Do not reuse container. Disposal should be in accordance with applicable regional, national, and local laws and regulations.

### Special instructions for disposal
Dilute to 3 to 5 times the volume with cold water. If permitted by regulation Open cold water tap completely, slowly pour the material to the drain. Allow cold water to run for 5 minutes to completely flush the system. Check with local municipal and state authorities and waste contractors for pertinent local information regarding the proper disposal of chemicals.

### Waste from residues/unused products
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

### Contaminated packaging
Disposal should be in accordance with applicable regional, national, and local laws and regulations.

# 14. TRANSPORT INFORMATION

### IMDG
Not regulated

### IATA
Not regulated

### DOT
Not regulated

### TDG
Not regulated

### Additional information
There is a possibility that this product could be contained in a reagent set or kit composed of various compatible dangerous goods. If the item is not in a reagent set or kit, the classification given above applies. If the item is part of a reagent set or kit the classification would change to the following: UN3316 Chemical Kit, Hazard Class 9, Packing Group II or III.
If the item is not regulated, the Chemical Kit classification does not apply.

### 15. REGULATORY INFORMATION

**International Inventories**
- TSCA: Complies
- DSL/NDSL: Complies
- EINECS/ELINCS: Complies
- ENCS: Complies
- IECSC: Complies
- KECL: Complies
- PICCS: Complies
- TCSI: Complies
- AICS: Complies
- NZIoC: Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TCSI - Taiwan Chemical Substances Inventory
AICS - Australian Inventory of Chemical Substances
NZIoC - New Zealand Inventory of Chemicals

**Basel Convention Codes**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>ANNEX I</th>
<th>ANNEX III</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium chloride</td>
<td>7647-14-5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2,7-Naphthalenedisulfonic acid, 3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo]-, trisodium salt</td>
<td>63451-35-4</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**International Regulations**

- Ozone-depleting substances (ODS): Not applicable
- Persistent Organic Pollutants: Not applicable
- Export Notification requirements: Not applicable

### 16. OTHER INFORMATION

**Key or legend to abbreviations and acronyms used in the safety data sheet**

- NIOSH IDLH: Immediately Dangerous to Life or Health
- ACGIH: ACGIH (American Conference of Governmental Industrial Hygienists)
- NDF: no data

**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>TWA</th>
<th>TWA (time-weighted average)</th>
<th>STEL</th>
<th>STEL (Short Term Exposure Limit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC</td>
<td>Maximum Allowable Concentration</td>
<td>Ceiling</td>
<td>Ceiling Limit Value</td>
</tr>
</tbody>
</table>
These values have no official status. The only binding levels of contaminants are those listed in the final OSHA PEL. These lists are for reference purposes only. Please note that some reference state regulations of these "liberated" exposure limits in their state regulations.

SKN* Skin designation SKN+ Skin sensitization
RSP+ Respiratory sensitization **
C Carcinogen R Reproductive toxicant
M mutagen

Disclaimer

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

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End of Safety Data Sheet