

SAFETY DATA SHEET



SCALE INHIBITING RESIN

Section 1. Chemical product and company identification

Product name : SCALE INHIBITING RESIN
Recommended use and restrictions : Water Treatment
Use only for the purpose on the product label.

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Institutional Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-352-5326

Code : 913801

Date of issue : **29 Jan 2014**
EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

Section 2. Hazards identification

GHS Classification : **Product AS SOLD**
: Not classified.

GHS label elements

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements

Prevention : Wash thoroughly after handling.
Response : Get medical attention if symptoms appear.
Storage : No other specific measures identified.
Disposal : See section 13 for waste disposal information.
Other hazards : None known.

Product AT USE DILUTION
Product is sold ready to use.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product AT USE DILUTION

| Hazardous ingredients | Concentration Range (%) | CAS number |
|-----------------------|-------------------------|------------|
|-----------------------|-------------------------|------------|

Product is sold ready to use.

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

Section 4. First aid measures

| | Product AS SOLD | Product AT USE DILUTION |
|---|---|-------------------------------|
| Eye contact | : No known effect after eye contact. Rinse with water for a few minutes. | Product is sold ready to use. |
| Skin contact | : No known effect after skin contact. Rinse with water for a few minutes. | |
| Inhalation | : No special measures required. Treat symptomatically. | |
| Ingestion | : Get medical attention if symptoms occur. | |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. | |
| Notes to physician | : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. | |
| See toxicological information (section 11) | | |

Section 5. Fire-fighting measures

| | Product AS SOLD |
|---|---|
| Suitable fire extinguishing media | : Use water spray, fog or foam. |
| Specific hazards arising from the chemical | : No specific fire or explosion hazard. |
| Hazardous thermal decomposition products | : No specific data. |
| Specific fire-fighting methods | : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. |
| Special protective equipment for fire-fighters | : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. |

Section 6. Accidental release measures

| | Product AS SOLD | Product AT USE DILUTION |
|----------------------------------|--|-------------------------------|
| Personal precautions | : Use personal protective equipment as required. | Product is sold ready to use. |
| Environmental precautions | : Avoid contact of large amounts of spilled material and runoff with soil and surface waterways. | |
| Methods for cleaning up | : Collect spillage. Use a water rinse for final clean-up. | |

Section 7. Handling and storage

| | Product AS SOLD | Product AT USE DILUTION |
|--|-----------------------------------|-------------------------------|
| Handling | : Wash thoroughly after handling. | Product is sold ready to use. |
| Storage | : Keep out of reach of children. | |
| Store between the following temperatures: 0 and 50°C | | |

Section 8. Exposure controls/personal protection

Control parameters

| Ingredient name | Exposure limits |
|-----------------|-----------------|
| None. | |

| | Product AS SOLD | Product AT USE DILUTION |
|---|--|-------------------------------|
| Appropriate engineering controls | : Good general ventilation should be sufficient to control worker exposure to airborne contaminants. | Product is sold ready to use. |
| Personal protection | | |
| Eye protection | : No protective equipment is needed under normal use conditions. | |
| Hand protection | : No protective equipment is needed under normal use conditions. | |
| Skin protection | : No protective equipment is needed under normal use conditions. | |
| Respiratory protection | : A respirator is not needed under normal and intended conditions of product use. | |
| Hygiene measures | : Wash hands before eating, drinking or smoking. | |

Section 9. Physical and chemical properties

| | Product AS SOLD | Product AT USE DILUTION |
|---|---|-------------------------------|
| Physical state | : Solid | Product is sold ready to use. |
| Color | : Yellowish [Light] | |
| Odor | : Sweetish | |
| pH | : 3 to 5 (1%) | |
| Flash point | : > 100°C Product does not support combustion. | |
| Explosion limits | : Not available. | |
| Flammability (solid, gas) | : Not available. | |
| Melting point | : Not available. | |
| Boiling point | : >100°C (>212°F) | |
| Evaporation rate (butyl acetate = 1) | : Not available. | |
| Vapor pressure | : Not available. | |
| Vapor density | : Not available. | |
| Relative density | : 1.15 to 1.15 (Water = 1) | |
| Solubility | : Insoluble in the following materials: cold water and hot water. | |
| Partition coefficient: n-octanol/water | : Not available. | |
| Auto-ignition temperature | : Not available. | |
| Decomposition temperature | : Not available. | |
| Odor threshold | : Not available. | |
| Viscosity | : Kinematic (room temperature): 0 cm ² /s (0 cSt) | |

Section 10. Stability and reactivity

Product AS SOLD

- Stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Materials to avoid** : Not available.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Ingestion

Product AS SOLD

Symptoms

- Eye contact** : No specific data.
- Skin contact** : No specific data.
- Inhalation** : No specific data.
- Ingestion** : No specific data.

Acute toxicity

- Eye contact** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Toxicity data

Product/ingredient name

Not applicable.

Chronic toxicity

- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Product AT USE DILUTION

Product is sold ready to use.

Section 12. Ecological information

Product AS SOLD

Ecotoxicity : No known significant effects or critical hazards.

Aquatic and terrestrial toxicity

Product/ingredient name

Not available.

Other adverse effects : No known significant effects or critical hazards.

Result

Species

Exposure

Section 13. Disposal considerations

Product AS SOLD
Disposal methods : Diluted product can be flushed to sanitary sewer.
 Discard empty container in trash.

Product AT USE DILUTION
 Product is sold ready to use.

Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

DOT Classification : Not regulated.

IMO/IMDG

IMO/IMDG Classification : Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION
 Not intended for transport.

Section 15. Regulatory information

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313 : Product name CAS number Concentration

Form R - Reporting requirements : No listed substance

California Prop. 65 : No listed substance

Section 16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.) :

| | |
|------------------|---|
| Health | 0 |
| Flammability | 0 |
| Physical hazards | 0 |
| | |

National Fire Protection Association (U.S.A.) :



Section 16. Other information

Date of issue : 29 Jan 2014
Prepared by : Regulatory Affairs
1-800-352-5326

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.