



# SAFETY DATA SHEET

Revision date: 05/11/2015

Revision number: 3

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

### Product identifier

**Product Name** Roto-Rooter Pipe Shield  
**Product Code** H-047

### Recommended use of the chemical and restrictions on use

**Recommended Use** No information available  
**Uses advised against** Please refer to Product Data Sheet

### Details of the supplier of the Safety Data Sheet

**Contact Manufacturer** Roto-Rooter Corporation  
300 Ashworth Road  
West Des Moines, IA 50265  
[www.roto-rooter.com](http://www.roto-rooter.com)

**Information Telephone Number** (515) 223-1344  
**Emergency Telephone Number** 1-800-424-9300 (Chemtrec) 24 hours every day

## 2. HAZARDS IDENTIFICATION

### Classification

Classification of the product is in accordance with 29CFR 1910.1200

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2B

### Label elements

#### Emergency Overview

##### Warning

##### Hazard statements

Causes eye irritation  
Causes mild skin irritation

**Appearance** Opaque, Blue

**Physical State** Liquid

**Odor** Perfumed

### Precautionary Statements - Prevention

Wear eye/face protection. Wear protective gloves. Wash hands and face thoroughly after handling.

### Precautionary Statements - Response

<b>Eyes</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
<b>Skin</b>	IF ON SKIN: Gently wash with plenty of soap and water
<b>Inhalation</b>	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
<b>Ingestion</b>	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

### Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

### Precautionary Statements - Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements

### Hazards not otherwise classified (HNOC)

Not Applicable

### Other Information

1	Health
0	Flammability
0	Reactivity
X	Protective Equipment

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	95-99%
Viable Bacteria Cultures	Not Applicable	1-5%
Dodecyl benzene sulfonic acid	68584-22-5	< 1.0%
EDTA	64-02-8	< 0.5%
Sodium Nitrate	7631-99-4	< 0.5%
Sodium hydroxide	1310-73-2	< 0.5%

\* The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water
<b>Inhalation</b>	Move to fresh air
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water

#### Most important symptoms and effects, both acute and delayed

**Main Symptoms** No information available

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

#### Specific Hazards Arising from the Chemical

No information available

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Ensure adequate ventilation

### Environmental precautions

**Environmental Precautions** It is not anticipated to be hazardous for the environment

### Methods and material for containment and cleaning up

**Methods for Clean-up** Pick up and transfer to properly labelled containers

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place

**Packaging Material** There could be many packaging types for the product. The details are given in other Novozymes documents

**Incompatible Materials** Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Water 7732-18-5			
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

### Appropriate engineering controls

#### Individual protection measures, such as personal protective equipment

**Eye Protection** Avoid contact with eyes

**Skin and body protection** No special technical protective measures are necessary

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

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practices

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Opaque Blue
<b>Odor</b>	Perfumed
<b>Odor Threshold</b>	No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Property</u>	<u>Values</u>
Melting/freezing point	No information available
Evaporation rate VALUE	No information available
Flammability (solid, gas)	No information available
Burning rate 100mm VALUE	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	No information available
Solubility in other solvents	No information available
Partition Coefficient (n-octanol/water)	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	No information available
Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available
 <u>Other Information</u>	
Softening Point	No information available
VOC Content	No information available
Density	No information available

## 10. STABILITY AND REACTIVITY

Reactivity  
No data available

Chemical stability  
Stable under recommended storage conditions

Possibility of Hazardous Reactions  
None under normal processing

Conditions to avoid  
Extremes of temperature and direct sunlight

Incompatible materials  
Strong acids or alkali compounds and strong oxidizing agents may inactivate biological cultures

Hazardous Decomposition Products  
No information available

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	There is no data available for this product
<b>Eye contact</b>	Contact with eyes may cause irritation
<b>Skin contact</b>	Prolonged or repeated contact may dry skin and cause irritation
<b>Ingestion</b>	Ingestion may cause stomach discomfort

**Information on toxicological effects**

**Symptoms** No information available

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available  
**Mutagenic Effects** No information available  
**Reproductive Effects** No information available  
**Specific target organ systemic toxicity (single exposure)** No information available  
**Specific target organ systemic toxicity (repeated exposure)** No information available  
**Aspiration hazard** No information available

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

None known

Chemical Name	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Dodecyl benzene sulfonic acid 68584-22-5			EC50 = 5 mg/L 6 h	EC50 = 2.9 mg/L 48 h
EDTA 64-02-8	EC50 = 1.01 mg/L 72 h			EC50 = 610 mg/L 24 h

**Persistence/Degradability**

No information available

**Bioaccumulation/ Accumulation**

No information available

Chemical Name	log Pow
Dodecyl benzene sulfonic acid 68584-22-5	2
Sodium Nitrate 7631-99-4	-38

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Waste Disposal Method** Dispose of contents/container in accordance with local regulation

**Contaminated Packaging** Empty containers should be taken for local recycling, recovery or waste disposal

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

## 14. TRANSPORT INFORMATION

<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG/IMO</u></b>	Not regulated
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

#### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

### Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40n of the Code of Federal Regulations, Part 372:

#### SARA 311/312 Hazardous

##### Categorization

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	RQ	CERCLA/SARA RQ	RQ
Sodium hydroxide 1310-73-2	\$1000 \$454		\$RQ 1000 lb final RQ \$RQ 454 kg final RQ

### State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals

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**State Right-to-Know****U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**Canada****WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION****Revision date:**

05/11/2015

**Revision Summary**

No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Duracable Manufacturing Company, it is the responsibility of the customer to determine the conditions of safe use of these products..

**End of SDS**