



SAFETY DATA SHEET

Revision Date 02/02/2016

REVISION NUMBER: 4

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

Product identifier
Product name SNAP® Enviro Care Neutral Disinfectant

Other means of identification
Product code 118288
Synonyms NONE
Registration Number(s) 47371-126-527

Recommended use of the chemical and restrictions on use
Recommended Use Disinfectant
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
Rochester Midland Corporation
165 Pargson Drive
Rochester, New York 14624 USA

Importer
Rochester Midland Limited
5933 John Lucas Drive
Suite 103
Burlington, ON L7L 6G5
Canada

Emergency telephone number
EMERGENCY TELEPHONE
INFOTRAC: 1-800-535-5053
OUTSIDE U.S. +1-352-323-3500
CANUTEC: 813-959-6866

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Skin corrosion/irritation Category 1 Sub-category B
Serious eye damage/eye irritation Category 1

Label elements

Emergency Overview

DANGER

Hazard statements
Causes severe skin burns and eye damage

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Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Ingestion IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

3. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, CO₂, alcohol-resistant foam or water spray.

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

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact NONE

Sensitivity to Static Discharge NONE

Protective equipment and precautions for firefighters

Cool exposed containers with water spray. Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

4. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dike to contain. Pick up with absorbent material. Put in suitable container for disposal. Flush residue with water.

5. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes, skin and clothing. Static ignition hazard can result from handling and use. Read and follow label instructions. Keep out of reach of children. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

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

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Appearance Clear Blue

Physical state Liquid

Odor Floral scent

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Immediately call a POISON CENTER or doctor/physician
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

No information available

Other information

• May be harmful if swallowed
• Toxic to aquatic life with long lasting effects
Unknown Acute Toxicity 3.4% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Didecyl dimethyl ammonium chloride	7173-51-5	10 - 15	*
Quaternary ammonium compounds	68424-85-1	5 - 10	*
Ethanol	64-17-5	1 - 5	*

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

4. FIRST AID MEASURES

First aid measures

General advice

Immediately call a POISON CENTER or doctor/physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

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Incompatible materials

OXIDIZERS Reducing agents.

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethanol 64-17-5	STEL: 1000 ppm	(Weighted) TWA: 1000 ppm (Weighted) TWA: 1800 mg/m ³ TWA: 1000 ppm TWA: 1500 mg/m ³	3300 ppm

Appropriate engineering controls

ENGINEERING CONTROLS

General mechanical and/or local exhaust as needed if mist or vapors cause irritation.
Showers, Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses are recommended to minimize eye contact.

Skin and body protection

Nitrile, neoprene, or other appropriate gloves are recommended to minimize hand skin contact. Appropriate protective clothing as needed to prevent skin contact. It is the responsibility of the user of this product to determine level of PPE required that is consistent with safe use of this product.

RESPIRATORY PROTECTION

None normally required. Use approved NIOSH respiratory protection if TLV/PEL exceeded or if over exposure is likely.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Floral scent
Appearance	Clear Blue	Odor threshold	No information available
Color	No information available	Remarks - Method	
Property	Values		
pH	8.2		
Melting point/freezing point	No information available		
Boiling point / boiling range	No information available		
Flash point	> 83.3 / > 189.9		
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity	0.876 - 0.982		
Water solubility	No information available		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		
Explosive properties	No information available		
Oxidizing properties	No information available		

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Other Information

Softening point	No information available
VOC (EPA METH.24) (G/L):	28.3
Density	No information available
Bulk 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

Exposure to temperature and direct sunlight

Incompatible materials

OXIDIZERS: Reducing agents

Hazardous Decomposition Products

Oxides of Carbon, Oxides of Nitrogen, Hydrogen chloride gas

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information Causes severe skin burns and eye damage. May be harmful if swallowed.

Inhalation Causes burns

Eye contact Corrosive to the eyes and may cause severe damage including blindness

Skin contact Causes burns

Ingestion Causes burns. May be harmful if swallowed

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LD50
Diethyl dimethyl ammonium chloride 7173-S1-5	= 67 mg/kg (Rat)	-	-
Quaternary ammonium compounds 84-17-5	-	= 1420 mg/kg (Rat)	-
Ethanol 64-17-5	-	-	= 1247 mg/L (Rat) 4h

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
Germ cell mutagenicity	No information available
Carcinogenicity	No information available
Reproductive Toxicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Aspiration hazard	No information available

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects

13.54% of the mixture consists of components of unknown hazard to the aquatic environment

PRODUCT COMPOSITION	Aquatic toxicity	Fish	Crustaceans
Quaternary ammonium compounds 84-17-5	-	24-96 h Oryzias latipes mg/L LC50 semi-static 0.82% - 1.61-96 h Daphnia magna mg/L EC50 static 1.5 96 h Pimephales promelas mg/L LC50 semi-static 0.223 - 0.44-96 h Lepomis macrochirus mg/L LC50 static	-
Ethanol 64-17-5	-	12.0 - 19.0 96 h Cratichneumon mykasa mg/L LC50 static 1000 - 13100 96 h Pimephales promelas mg/L LC50 flow-through 100 96 h Pimephales promelas mg/L LC50 static	2-48 h Daphnia magna mg/L EC50 static EC50 - 14221-96 h Daphnia magna mg/L LC50

Persistence and degradability

No information available

Bioaccumulation

No information available

PRODUCT COMPOSITION	Partition coefficient
Ethanol 64-17-5	<0.33

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

14. TRANSPORT INFORMATION

Proper shipping name Not Regulated by DOT

15. REGULATORY INFORMATION**International Inventories**

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Complies
IECSG	Complies
KECL	Does not Comply
PICCS	Complies
AICS	Does not Comply

Legend:

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
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 312**

Section 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	YES
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	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

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

PRODUCT COMPOSITION	CA PROP 65
Ethanol - 64-17-5	Label Developmental

US State Right-to-Know Regulations

PRODUCT COMPOSITION	NOTICE	MARK	PAATH
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Ethanol 64-17-5	84-17-5	Label	Label
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U.S. EPA Label Information

EPA Pesticide Registration Number 47371-128-527

EPA Statement

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label
 DANGER
 CORROSIVE
 Causes irreversible eye damage and skin burns. Harmful if swallowed. Harmful if inhaled.

16. OTHER INFORMATION**NEPA**

Health hazards 3

Flammability 1

Instability 0

Physical and Chemical Properties CORR

HMIS

Health hazards 3

Flammability 1

Physical hazards 0

Personal protection 8

Prepared By

EH&S DEPARTMENT

Revision Date

02/02/2016

Revision Note

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

END OF SDS