

# SDS

# 119 Non-Ionic Detergent

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 11/06/2014

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### Product identifier

Product form : Liquid  
Product name : Non-Ionic Detergent  
Product code : #119

#### Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Surface active wetting agent

#### Details of the supplier of the safety data sheet

Sonicor Inc.  
82 Otis St- West Babylon, NY 11704  
PHONE: (631)-920-6555

#### Emergency telephone number

Emergency number : INFOTRAC: 800-535-5053 (North America)  
352-323-3500 (International)

### 2. HAZARDS IDENTIFICATION

#### GHSclassification

Acute toxicity - Oral Category 4  
Serious Eye Damage - Category 1

#### GHSlabel elements

#### Hazardpictograms/symbols



Signal Word: Warning

Hazard Statements: H302:Harmful if swallowed. H318:Causes serious eye damage

#### Precautionary Statements:

##### Prevention

P264:Wash hands thoroughly after handling.  
P270:Do not eat, drink or smoke when using this product.  
:Wear eye protection/face protection.

##### Response

P301+P312 :IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 :Immediately call a POISON CENTRE or doctor/physician.  
P330 :Rinse mouth.

##### Disposal

P501:Disposal of contents/container to be specified in accordance with regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Concentration (Weight)
Surfactant Blend	Mixture	20-40

### 4. FIRST AID MEASURES

General advice	Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes. Skin contact Wash with water and soap as a precaution.
Ingestion	Prevent aspiration of vomit. Turn victim's head to the side. Inhalation Move to fresh air.
Inhalation	No data available.

#### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide (CO2). Dry chemical. Dry sand. Limestone powder.
Specific hazards	Incomplete combustion may form carbon monoxide.
Special protective equipment for fire-fighters	Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

#### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures  
: Evacuate personnel to safe areas.

Environmental precautions	Construct a dike to prevent spreading.
Methods for cleaning up	Place in appropriate chemical waste container. If possible, stop flow of product.

#### 7. HANDLING AND STORAGE

##### Handling

Use personal protective equipment. When using, do not eat, drink or smoke.

##### Storage

Keep away from direct sunlight. Overheating of an ethoxylate stored under air should be avoided. When an ethoxylate is vigorously mixed in the presence of air or oxygen at temperatures >125 F (50 C), it can degrade product quality. Storage under an inert atmosphere is recommended.

Storage Temperature : Store above 32F and below 100F

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION Engineering measures

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

##### Personal protective equipment

Respiratory protection : Not required for properly ventilated areas.

Hand protection	Neoprene gloves. Nitrile rubber. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye protection	Chemical safety glasses.
Skin and body protection	No specific recommendation
Special instructions for protection and hygiene	Provide readily accessible eye wash stations and safety showers.

9. PHYSICAL AND CHEMICAL PROPERTIES Appearance          Liquid.    Colorless.    Odor          Mild.

Odor threshold    No data available.    pH    No data available.

Melting point/range    Not applicable

Boiling point/range    > 212 deg F.

Flash point    Over 212 deg F

Evaporation rate    No data available.

Flammability (solid, gas)    Not applicable.    Not applicable.

Upper/lower explosion/flammability limit

Vapor pressure    Not Determined

Relative vapor density    Not applicable.

Relative density    1.0 approximate

Partition coefficient (n-octanol/water)    No data available.

Auto-ignition temperature    No data available.

Decomposition temperature    No data available.

Viscosity    No data available.

Molecular Weight    No data available.

## 10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to avoid	No data available.
Materials to avoid	Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Copper alloys Strong acids.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ). Aldehydes Flammable hydrocarbon fragments.
Possibility of hazardous Reactions/Reactivity	No data available.

---

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Likely routes of exposure

Acute toxicity

Acute Oral Toxicity                      LD50 : 1,400 mg/kg Species : Rat. Inhalation      No  
data is available on the product itself. Acute Dermal Toxicity    LD50 : > 5,000 mg/kg Species : Rat.

Skin corrosion/irritation                      Mild skin irritation.

Serious eye damage/eye irritation                      Moderate eye irritation.

Sensitization.                                      : No data available.

Chronic toxicity or effects from long term exposures

Carcinogenicity                      No data available.

Reproductive toxicity                      No data is available on the product itself. Germ cell mutagenicity

No data is available on the product itself. Specific target organ systemic      No data available.

toxicity (single exposure)

Specific target organ systemic : No data available. toxicity (repeated exposure)

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater.

---

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Surfactant Blend (100%)  
Aquatic toxicity : LC50 (96 h): 8.5 mg/1 Species: Fathead minnow (Pimephales promelas).  
EC50 (48 h): 5.3 mg/1 Species: Daphnia magna.

Toxicity to algae - Components  
Alcohols, C9-11, ethoxylated ErC50 (96 h) : 1 - 10 mg/1 Species : Algae. Toxicity to other organisms :

### Persistence and degradability

Biodegradability : Readily biodegradable, as defined by OECD, substance that degrades > 60-70% within a 10 day window

over 28 days. Mobility : No data available.

Bioaccumulation : No data is available on the product itself.

---

## 13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

---

## 14. TRANSPORT INFORMATION

DOT

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

TOG

Not dangerous goods

Further Information

Not classified as dangerous in the meaning of transport regulations. The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact an Air Products customer service representative.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s): None.

Country	Regulatory list	Notification
USA	TSCA	Included on Inventory.
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer.
Canada	DSL	Included on Inventory.
Australia	AICS	Included on Inventory.
Japan	ENCS	Included on Inventory.
South Korea	ECL	Included on Inventory.
China	SEPA	Included on Inventory.
Philippines	PICCS	Included on Inventory.

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification  
Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level  
None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)  
This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

This product is made with materials defined by the epa as meeting the requirement of a green product.

---

16. OTHER INFORMATION

HMIS Rating Health 1 Flammability 1 Physical hazard 0

Preparation Date 05/15/2015

