



# SAFETY DATA SHEET

## C8 Amine Oxide

### Section I. Identification of substance/preparation and company

#### Identification of the substance or preparation

- Product Name** : C8 Amine Oxide  
**Synonyms** : N,N-Dimethyloctylamine-N-Oxide  
**CAS#** : Mixture  
**Use of the substance/preparation** : Amine Oxide
- Manufacturer/Supplier** : Ninigret Building XI  
Sun Products Corporation  
Attn: Consumer Relations  
4750 West 2100 South, Suite 200  
Salt Lake City, UT 84120
- General Information Number** : 1-832-261-2000 (24 hours)  
**Emergency Telephone Number** : 1-800-565-5597 (24 hours, ProSAR)  
**Poison Control** : 1-800-222-1222 (24 hours)  
**Chemtrec** : 1-800-424-9300 (24 hours, Transportation Emergencies)

### Section II. Composition/Information on ingredients

Ingredients as defined by the OSHA Hazard Communication Standard (29CFR § 1910.1200):

Chemical Name	CAS Number	ACGIH TLV	OSHA PEL	NIOSH REL	%
N,N-Dimethyloctylamine-N-Oxide	2605-78-9	NA	NA	NA	35-45
Water	7732-18-5	NA	NA	NA	55-65

### Section III. First Aid Measures

Routes of Exposure	First Aid Instructions
<b>Eye Contact</b>	: Promptly flush with large amounts of water for at least 15 minutes. Contact physician if redness or irritation persists.
<b>Skin Contact</b>	: Promptly rinse with soap and water. Remove contaminated clothing and shoes. Contact physician if irritation, rash, or redness persists.
<b>Ingestions (swallowed)</b>	: Do not induce vomiting. Drink a glass of milk or water. Call a physician
<b>Inhalation</b>	: Move to fresh air. Contact physician if breathing is irregular or stopped.

<b>Other</b>	:	
* If symptoms persist, contact a physician		

## Section IV. Fire Fighting Measures

<b>Flash Point – Method: Published Data</b>	:	> 200 F (93 C)
<b>Autoignition Temperature</b>	:	ND
<b>Flammable Limits</b>	<b>UFL</b>	: ND
	<b>LFL</b>	: ND
<b>Extinguishing Media</b>	:	Water mist, carbon dioxide, foams or dry chemicals.
<b>Special Fire Fighting Procedures</b>	:	In the event of fire, wear self-contained breathing apparatus.
<b>Fire / Explosion Hazard</b>	:	Heating or fire can release toxic gas
<b>Hazardous Combustion Products</b>	:	Nitrogen Oxides (NOx) and Carbon Oxides possible
<b>Content Under Pressure</b>	:	No
<b>Explosive</b>	:	No

## Section V. Accidental Spill or Release Measures

<b>Small or household Quantities</b>	:	Not for direct household use. Use respirator when performing operations involving potential exposure to vapor of the product. Wear personal protection equipment.
<b>Large (industrial) release</b>	:	Material may be slippery if spilled. Prevent spill from entering a waterway. Stop spill at source and contain material. Contain with inert absorbent material. Transfer liquid to container for recovery or disposal. Dispose liquid in accordance with all applicable local, state, and federal regulations. Do not flush into surface water or sanitary sewer system.

## Section VI. Safe Handling and Storage

Provide sufficient air exchange and/or exhaust in work rooms. Store in a cool dry area at 40F to 90F. Keep from freezing. Keep away from fire and heat. Keep containers closed when not in use.

## Section VII. Exposure Control/Personal Protection

<b>For routine consumer use</b>	:	Product not for direct household use. No special precautions necessary as long as product is used as directed.
<b>For industrial activities</b>		
	<b>Respiratory Protection</b>	: None required under normal conditions. Ventilation required. In the case of vapor formation use a respirator with an approved filter.
	<b>Hand Protection</b>	: Gloves should be worn for protection. Consult gloves supplier for suitable material.
	<b>Eye Protection</b>	: Goggles or other protective eye wear should be worn for protection.
	<b>Skin Protection</b>	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

## Section VIII. Physical & Chemical Data

<b>Appearance</b>	:	Liquid
<b>Odor</b>	:	Characteristic
<b>Color</b>	:	Light Yellow
<b>Boiling Point</b>	:	ND
<b>Melting Point</b>	:	ND
<b>Freezing Point</b>	:	ND
<b>Evaporation Rate</b>	:	ND
<b>Density (lbs/gal)</b>	:	ND
<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	:	0.97
<b>Solubility in Water</b>	:	Soluble
<b>Vapor Pressure</b>	:	ND
<b>Viscosity</b>	:	ND
<b>pH</b>	:	6.5 - 8.5
<b>pH (1% aqueous solution)</b>	:	ND
<b>%Volatile</b>	:	ND
<b>Other</b>	:	

## Section IX. Stability & Reactivity Data

<b>Stable</b>	:	Yes
<b>Conditions to Avoid</b>	:	Extreme cold or heat
<b>Incompatibilities</b>	:	Strong oxidizers, acids, or bases
<b>Hazardous Decomposition</b>	:	Nitrogen Oxides (NO <sub>x</sub> ) and Carbon Oxides
<b>Hazardous Polymerization</b>	:	Not available
<b>Corrosive to Steel, Aluminum</b>	:	No

## Section X. Toxicology & Health Data

<b>Potential acute health effects</b>	:	Adverse health effects are considered unlikely when the product is used according to directions.
<b>LD50</b>	:	LD50 (rat) >2000 mg/kg (published data)
<b>Threshold Limit Value</b>	:	Not Determined
<b>Effects of Acute Exposure</b>		
<b>Ingestion</b>	:	May be harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting, and delayed diarrhea.
<b>Inhalation</b>	:	While inhalation of a product mist is unlikely, such exposure may cause upper respiratory irritation.
<b>Skin Contact</b>	:	Possible irritation from prolonged contact.
<b>Eye Contact</b>	:	May cause irritation, discomfort, or serious damage to eyes.
<b>Effects of Chronic Exposure</b>	:	None expected
<b>Carcinogen Status</b>	:	Non-carcinogenic

## Section XI. Ecological Information

<b>Other adverse effects</b>	:	This product is not expected to harm the environment when used properly according to
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	:	directions.
<b>Biodegradable</b>	:	Biodegradable results taken from published data. OECD 302 B > 80% Result: biologically well degradable.  OECD 301 B 80% Readily Biodegradable
<b>Bioaccumulation</b>	:	Not expected to be bioaccumulating.

## Section XII. Recommended Waste Disposal Considerations

<b>Method of disposal</b>	:	Product does not meet the criteria of a hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with all regulations applicable to non-hazardous waste. Large quantities should not be flushed into the sewer system. May foam profusely when hit with water stream.
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## Section XIII. Transportation Information

Regulatory Information	Land (US DOT)	Air (IATA/ICAO)	Water (IMO/IMDG)
Proper Shipping Name	NA	NA	NA
Hazard Class	NA	NA	NA
UN Number	NA	NA	NA
Packing Group	NA	NA	NA
Label Required	NA	NA	NA
Additional Information	NA	NA	NA

## Section XIV. Regulatory Information

<b>SARA 302 Hazardous Substances</b>	:	ND
<b>SARA 304</b>	:	ND
<b>SARA 311/312 Hazard Categories</b>	:	Acute Health Hazard
<b>SARA 313 Emissions Reporting</b>	:	ND
<b>Proposition 65 Listed Chemicals</b>	:	None
<b>TSCA</b>	:	All components of this product comply with TSCA inventory listing requirements
<b>RCRA</b>	:	See Section XI – Recommended Waste Disposal Considerations
<b>CAA HAPS or Ozone Depletory</b>	:	Not Available
<b>CA 22 CCR Hazardous Wastes</b>	:	Not Available
<b>IL, MA, NJ, PA, RI State RTK &amp; Hazardous Notifications</b>	:	Not Available
<b>Canadian DSL/NDSL</b>	:	Yes

## Section XV. Hazard Rating Information

<b>Extreme</b>	=	4
<b>Insignificant</b>	=	0
<b>Health</b>	:	3
<b>Fire</b>	:	1
<b>Reactivity</b>	:	0

## Section XVI. Other Information

### HISTORY

<b>Date of Issue</b>	:	05/03/2011
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<b>Date of Previous Issue</b>	:	
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<b>Version</b>	:	2.0
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N/A: Not Applicable  
ND : Not Determined

#### Notice to reader

Sun Products Corporation cannot anticipate all conditions of handling and use of this product. Therefore, Sun Products Corporation accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. Sun Products Corporation will accept no liability for damages or loss incurred from the improper use or handling of this product.