

# Material Safety Data Sheet

**HUNTSMAN**  
Enriching lives through innovation

## 1. Product and company identification

Product name **SURFONIC® N-100**

MSDS # 00033300

Product use Surfactant.

Huntsman Petrochemical Corporation  
P.O. Box 4980  
The Woodlands, TX 77387-4980

### TELEPHONE NUMBERS

Transportation Emergency

Company: (800) 328-8501

CHEMTREC: (800) 424-9300

Medical Emergency: (409) 722-9673 (24 Hour)

General MSDS Assistance: (281) 719-6000

Technical Information: (281) 719-7780

E-MAIL: MSDS@huntsman.com

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### In case of emergency

**Spills Leaks Fire or Exposure Call Chemtrec: (800) 424-9300**

**Medical Emergency Information: (800) 328-8501**

**In Mexico: 01 800 00 214 00**

**In Columbia: 01 800 91 6012**

## 2. Hazards identification

**Physical state** : Liquid.

**Odor** : Slight

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Emergency overview** : WARNING!  
CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.  
Severely irritating to eyes. Slightly irritating to the skin. Do not get in eyes. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Wash thoroughly after handling.

**GENERAL INFORMATION** : Read the entire MSDS for a more thorough evaluation of the hazards.

## 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Nonylphenol, ethoxylated	9016-45-9	60 - 100

## 7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## 8. Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

- Preventive Measures** : Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.
- Engineering controls** : Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. For guidance on engineering control measures refer to publications such as the ACGIH current edition of 'Industrial Ventilation, a manual of Recommended Practice.'
- Personal protection**
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : 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.

## 9. Physical and chemical properties

### General information

#### Appearance

- Physical state** : Liquid.
- Color** : Pale color.
- Odor** : Slight
- Odor threshold** : Not available.

### Important health, safety and environmental information

- pH** : 7
- Boiling point** : Not available.
- Melting point** : 7.8°C (46°F)
- Flash point** : Closed cup: 212.78°C (415°F)

## 12 . Ecological information

Nonylphenol, ethoxylated	-	Acute EC50 12.2 to 17 mg/L Fresh water	Daphnia	48 hours
	-	Acute EC50 12 mg/L	Algae	96 hours
	-	Acute EC50 4.8 to 15.4 mg/L	Daphnia	48 hours
	-	Acute LC50 5 mg/L	Fish	96 hours
	-	Acute LC50 7.5 to 11.7 mg/L	Fish - Rainbow trout (Oncorhynchus mykiss, Salmo gairdneri)	96 hours
Similar product	-	Acute LC50 1 to 10 mg/L	Fish	96 hours

### Biodegradability

Product/ingredient name	test	Result	Dose	Inoculum
Nonylphenol, ethoxylated	-	<60 % - Inherent - 28 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Nonylphenol, ethoxylated	-	-	Not readily

### Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Nonylphenol, ethoxylated	-	<100	low

**Environmental effects** : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13 . Disposal considerations

**Waste disposal** : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14 . Transport information

Transportation Emergency Number 1-800-424-9300 (CHEMTREC).

Regulatory information	UN number	Proper shipping name	Class	PG*	Label	Additional information
DOT Classification	Not regulated.					-
TDG Classification	Not regulated.					-
IMDG Class	Not regulated.		-	-		-

## 16 . Other information

### Notice to reader

While the information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

### **Trademarks:**

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