

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Wetting Agent
Description: Liquid Surfactant
Product Code: NTN WA
Suggested Use: Wetting Agent
Restrictions on Use: N/A

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan , UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00
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2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Eye Irritation (Category 2B)
Acute Aquatic Toxicity (category 2)
Chronic Aquatic Toxicity (category 2)

GHS Label Elements

Pictogram:



Signal Word: Warning
Hazard Statements: H320: Causes eye irritation
H401: Toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects

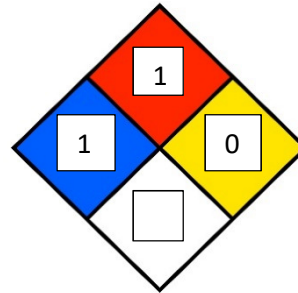
Precautionary Statements:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303, P361, P353: If on skin or hair-Remove all contaminated clothing. Rinse skin with water/shower.
P305, P351, P338: If in eyes- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

HMIS Classification: P273: Avoid release into the environment

Product: Wetting Agent

P501: Dispose of contents and container in accordance with all local, regional, national, and international regulations



NFPA Rating:

Health	1
Fire	1
Reactivity	0
Personal Protection	C

Potential Health Effects:

Inhalation: May be harmful if inhaled. Avoid breathing vapors of heated liquid.
Skin: May cause skin irritation
Eyes: Causes eye irritation
Ingestion: May be irritating to the mouth, throat, and stomach. Do not ingest.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>Concentration</u>
Nonyphenol, Ethoxylated	127087-87-0	20%

Synonyms:

4. FIRST AID MEASURES

Product: Wetting Agent

If Inhaled:	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician if symptoms are experienced
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
If Ingested:	Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult physician.

5. FIREFIGHTING MEASURES

Extinguishing Media:	Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide
Hazardous Combustion Products:	Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.
Special Protective Equipment for Firefighters:	In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Always ensure adequate ventilation.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.
Containment and Clean Up:	Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Safe Handling:	Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.
Safe Storage:	Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	CAS Number	Exposure Limit	Basis
Nonyphenol, Ethoxylated	127087-87-0	N/A	ACGIH Threshold Value

General Controls: Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment

Eye Protection: Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.

Hand Protection: Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.

Skin Protection: Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear to pale color
Odor:	Slight
Odor Threshold:	N/A
pH:	6.5-7.5 (solution)
Melting/Freezing Point:	5°C (41°F)
Boiling Point:	N/A
Flash Point:	238°C (460°F)
Evaporation Rate:	N/A
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	1.06
Density:	8.83 lbs/gal
Solubility in Water:	Soluble
Partition Coefficient:	N/A

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Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity @ 40°C:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended storage conditions
Conditions and Materials to Avoid:	No specific data available
Hazardous Decomposition Products:	Hazardous decomposition products under fire conditions: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Not determined

Component	CAS Number	Test	Toxicity
Nonyphenol, Ethoxylated	127087-87-0	Oral LD50 (rat)	3314 mg/kg
		Dermal LD50 (rabbit)	>3000 mg/kg
		Inhalation LC50	No data available

Potential Health Effects

Inhalation:	May be harmful if inhaled. Avoid breathing vapors of heated liquid
Skin:	May cause skin irritation
Eyes:	Causes eye irritation
Ingestion:	May be irritating to the mouth, throat, and stomach. Do not ingest
Signs and Symptoms of Exposure:	Irritation, Redness, Watering eyes
Chronic Effects of Long Term Exposure:	No data available
Carcinogenicity:	No known significant effects or critical hazards

12. ECOLOGICAL INFORMATION

Product: Wetting Agent

Acute Ecotoxicity

Component	CAS Number	Organism	Ecotoxicity
Nonyphenol, Ethoxylated	127087-87-0	Fish	96 hr LC50=1 mg/L
		Fish	96 hr LC50=7.6 mg/L
		Fish	96 hr LC50=8.6 mg/L

Ecological Effects

Persistence and Degradability:	<60% after 28 days
Bioaccumulation Potential:	No data available
Mobility in Soil:	No data available
Other Adverse Effects:	Harmful to aquatic life. This product is known as a water pollutant. It may be harmful to the environment if released in large quantities. Inform the relevant authorities if the product has caused environmental pollution. Collect spillage.

13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT Information Non hazardous

Proper Shipping Name:
UN Number:
Hazard Class:
Packing Group:
Reportable Quantity (RQ):
Marine Pollutant:
Note:

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15. REGULATORY INFORMATION

US Federal

SARA 302 Components: None listed
SARA 311/312 Hazards: Acute Health Hazard
SARA 313 Components: None
TSCA Inventory: All components listed or exempted

European Union

EC Inventory:

State Regulations

Utah Clean Air:

16. OTHER INFORMATION

SDS Version: 1.0
Revision Date: 06/25/2018
Supersedes: New to GHS

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

NuTech Specialites, Inc.

Validated on:

Product: Wetting Agent