

## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: AFLAME NIS  
NONONIC SURFACTANT-HUMECTANT

DATE: 28 April 2021

REPLACES DATE: New

ADDRESS: Norder Supply, Inc.  
136 E. Main St.  
Bruning, NE 68322-0010

FOR CHEMICAL EMERGENCY OR INGESTION 24/7 CALL INFOTRAC (USA) 1-800-535-5053  
FOR INTERNATIONAL CALL COLLECT 1-352-323-3500

## SECTION II - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Contact with liquid may irritate the eyes, irritate the skin and the respiratory tract with repeated or prolonged exposure. Avoid contact with strong acids and bases.

**HAZARD STATEMENTS:****Physical hazard statements:**

H227- Combustible liquid.

## Health hazard statements:

H227-Combustible liquid.

H303-May be harmful if swallowed

H316-Causes mild skin irritation.

H320-Causes eye irritation

H335-May cause respiratory irritation.

## Environmental hazard statements:

H302-Harmful to aquatic life.

**Precautionary statements:**

## General

P102-Keep out of reach of children

P103-Read label before use.

## Prevention

P202-Do not handle until all safety precautions have been read and understood.

P262-Do not get in eyes, on skin or on clothing.

P270-Do not eat, drink or smoke when using this product.

P273-Avoid release to the environment.

P281-Use personal protective equipment as required.

## Response

P314-Get medical advice/attention if you feel unwell.

P331-Do Not induce vomiting.

P341-If breathing difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P350-Gently wash with plenty of soap and water.

P363-Wash contaminated clothing before reuse.

## Storage

P402-Store in a well-ventilated place.

**ROUTES OF ENTRY:** Inhalation, skin contact, eye contact, ingestion.

**CARCINOGENICITY:** Not listed by NTP or IARC. Not regulated as a carcinogen by OSHA.

# SAFETY DATA SHEET

# AFLAME NIS NONONIC SURFACTANT-HUMECTANT

## SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	EINECS #	%
1,2,3-propanetriol	56-81-5	200-289-5	>50
Diethylene glycol	111-46-6	203-872-2	Prop.
Alkyl polyglycoside	68515-73-1	500-395-4	Prop.
Constituents ineffective as a spray adjuvant	NA	NA	10

## SECTION IV - FIRST AID MEASURES

**INHALATION:** Move to an area free from risk of further exposure. Symptomatic treatment if required. No adverse effects anticipated by this route of exposure incidental to proper handling.

**EYE CONTACT:** Flush with clean, raising upper and lower eyelids with lukewarm water at low pressure for 15 minutes. Seek medical attention if no relief.

**SKIN CONTACT:** Wash affected areas with soap and water. Launder clothing before reuse.

**INGESTION:** Do not induce vomiting. Seek medical attention immediately. If vomiting occurs; lower head to minimize entry into throat and lungs.

## SECTION V - FIREFIGHTING MEASURES

**FLASHPOINT AND METHOD:** >200°F (>93°C)

**EXTINGUISHING METHOD:** Use the method suitable for surrounding fire; water fog, foam, carbon dioxide and dry chemicals.

**FIRE OR EXPLOSION HAZARDS:** This material may decompose at very high temperatures to form oxides of carbon.

**SPECIAL FIREFIGHTING PROCEDURES:** Keep upwind of fire. Full emergency equipment with self-contained breathing apparatus and full protective clothing worn by firefighters.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Wear PPE. Contain the liquid and avoid breathing liquid mists. Absorb the liquid spill with an inert material, sweep and pick up to transfer to a container that can be field applied per label directions if allowed by local and state regulations.

Finish cleaning the area by small amounts of water on the spill area and absorb with inert materials and transfer to the above-mentioned container.

If product is spilled in the inland waterways or streams in the USA; contact US Coast Guard National Response Center toll free number 800-424-8802.

## SECTION VII - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** May be affected by high temperature > 90°F (32.2°C). Keep above 40°F (4.4°C)

**SPECIAL SENSITIVITY:** None.

**HANDLING AND STORAGE PRECAUTIONS:** Avoid breathing liquid mists. Avoid eye contact! Keep in cool dry area. Provide a cool well-ventilated area. Use normal safety procedures and good personal hygiene. Keep out of reach of children. Absorb liquid spill with inert material that may be field applied per the label use.

**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EYE PROTECTION:** Use safety glasses if there is potential for exposure to mist particles that can cause mechanical injury to the eyes. Maintain eyes wash and drench station near mixing and loading site.

**SKIN PROTECTION:** Wear impervious clothing, rubber boots, hat and chemical-resistant gloves.

**RESPIRATORY PROTECTION:** In moist and misty atmospheres, use a respirator approved for mists. In extreme conditions wear supplied air or air supplied respirator for ammonia.

**ENGINEERING CONTROLS:** Product is normally used out of doors; however, if indoor use is required, good general ventilation should be sufficient for most conditions.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL FORM:** Liquid

**ODOR:** Mild

**SOLUBILITY IN WATER:** Soluble

**COLOR:** Light brown

**SPECIFIC GRAVITY:** >1.2

**FLASH POINT:** >200°F (>93°C)

**SECTION X - REACTIVITY**

**STABILITY:** This product is stable material under normal conditions of storage and handling.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**INCOMPATIBLES:** Avoid contact with strong acids and bases.

**DECOMPOSITION PRODUCTS:** Material will burn. Carbon oxides.

**SECTION XI - TOXICOLOGICAL**

The significant routes of exposure are eyes, skin, inhalation and ingestion.

Exposure may cause headache, stomach pains, vomiting and diarrhea.

**SECTION XII - ECOLOGICAL INFORMATION**

Please keep this product out of the waterways.

**SECTION XIII - DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHOD:** This material is a surfactant and may be disposed of by applying to soil in accordance with manufacturer's recommendations and approval of local and state regulatory agencies.

**SECTION XIV - TRANSPORTATION INFORMATION**

**DOT SHIPPING NAME:** Not Regulated

**SHIPPING NAME:** AFLAME NIS

**DOT HAZARD CLASS:** None

**DOT LABEL:** None

**DOT PLACARD:** None

**UN/NA NUMBER:** None

**SECTION XV - REGULATORY INFORMATION**

**OSHA STATUS:** This product is combustible.  
**CERCLA REPORTABLE QUANTITY:** Not regulated under CERCLA.  
**CALIFORNIA PROPOSITION 65:** Not regulated under California Proposition 65.

**SARA HAZARD NOTIFICATION/REPORTING**

**IMMEDIATE** Y      **FIRE** Y      **SUDDEN RELEASE OF PRESSURE** N  
**DELAYED** N      **REACTIVE** N

**TSCA STATUS:** 1,2,3-propanetriol, diethylene glycol and Alkyl polyglycoside are listed on the TSCA active list.

**RIGHT TO KNOW:** 1,2,3-propanetriol is listed in MA, NJ and PA.

**SECTION XVI – OTHER INFORMATION/APPROVALS**

**National Fire Protection Association (NFPA)  
Hazardous Materials Identification System (HMIS)**

		NFPA			HMIS		
			0 Least				
	1	Health	1 Slight	1	Health		
	1	Flammability	2 Moderate	1	Flammability		
	0	Instability	3 High	0	Reactivity		
			4 Severe	E	PPE		
Health	4	Deadly	3 Extreme Danger	2 Dangerous	1 Slight hazard	0 No hazard	
Fire	4	< 73 °C	3 < 100 °C	2 < 200 °C	1 >200 °C	0 Will not burn	
Reactivity/ Instability	4	May detonate	3 Explosive	2 Unstable	1 Normally stable	0 Stable	

**REASON FOR ISSUE:** This is a new SDS.

**REVIEW DATE:** 30 April 2021

**PREPARED BY:** Dennis Belau

**REVIEWED BY:** Regulatory Department

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