



UNGEROL AM 3-70

SAFETY DATA SHEET

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SDS#: 498

Review/Revision Date: 11/25/14

SECTION 1 - General Information And Chemical Product Identification

Trade Name: **UNGEROL AM 3-70**

CAS #:

Chemical Name: **Ammonium laureth sulfate**

Product Code:
**UNGEROL
AM-370**

Application/Uses/ **Surfactant concentrate. Concentrate for personal care.**

Restrictions **None specified**

Distributor Information **LidoChem, Inc. 20 Village Court, Hazlet, NJ 07730, Phone: (732) 888 8000
Fax: (732) 264 2751 * email: info@lidochem.com**

Emergency phone #: **CHEMTREC - Day or Night - at 800 424 9300**

SECTION 2 - Hazard(s) Identification

Classification of the substance or mixture (GHS-US)

Eye Dam. Cat. 1; H318
Skin Irrit. Cat. 2; H315
Aquatic Chronic Cat. 3; H412
Risk of serious damage to eyes. Irritating to skin.

Physical Hazards

Hazard Statement

H315: Causes skin irritation
H318: Causes serious eye damage
H412: Harmful to aquatic life with long lasting effects

OSHA Defined Hazards

This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

HNOC - Hazards Not Otherwise Classified



Corrosive

Signal Word

Danger

GHS Precautionary Statements - Prevention, Response, Storage, Disposal

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

P302+352: IF ON SKIN: Wash with soap and water

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

P101: If medical advice is needed, have product container or label at hand

P273: Avoid release to the environment

P501: Dispose of contents/container to Federal, State and Local regulations.

SECTION 3 Composition/information On Ingredients

Molecular Weight: **293-299**

Chemical FORMULA: **R - O - (CH₂CH₂O)_nSO₃NH₄ Total Carbons R -**

CAS#:	Common Name/Synonyms:	% by Wt.
67762-19-0	Ammonium laureth sulfate	60-90%

SECTION 4 - First Aid Information**Description of first aid measures****General Advice:**

Rinse with Water

If Inhaled:

Not relevant

In Case Of Skin Contact:

In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention. Remove contaminated clothing and shoes before reuse or discard if they cannot be thoroughly cleaned.

In Case Of Eye Contact:

Flush eyes with large quantities of running water for a minimum of 15 minutes. If present and easy to do, remove contact lenses. Hold eyelids apart during the flushing to ensure rinsing of entire surface of the eye and lids with water. DO NOT let victim rub eye(s). Do not attempt to neutralize with chemical agents. Oils/ointments should not be used at this time. Get medical attention.

If Swallowed:

If victim is conscious and alert, give water copiously to dilute chemical. Do not induce vomiting. **Never give anything to eat or drink to someone who is unconscious, having convulsions, or unable to swallow.** Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Most important symptoms and effects, both acute and delayed:

Direct contact can cause irritation of the eyes, skin, nose and throat. Skin contact may cause irritation and redness. Ingestion may cause gastrointestinal irritation, vomiting and diarrhea. Contact with eyes causes severe eye irritation.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. In case of swallowing, do NOT induce vomiting, Facilities at site: Eye wash and safety shower.

SECTION 5 - Fire And Explosion Data**Suitable Extinguishing Media:**

Use water, foam, CO₂, fire extinguisher. - All types of fire extinguisher may be used.

Unsuitable Extinguishing Media:

None specified

Specific Hazards arising from the chemical:

No unusual fire or explosion hazards noted.

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Sulphurous gases (SO_x).

Special protective equipment and precautions for fire-fighters:

Self-contained positive pressure breathing apparatus and protective clothing should be worn.

Fire-fighting equipment/instructions

Use water to keep fire-exposed containers cool and disperse vapors.

Specific Methods

Standard procedure for chemical fires.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Evacuate personnel to well ventilated, safe areas. Rinse area with water. Readily biodegradable. Product combined with water will give slippery surfaces. Small amounts will not harm vegetation. Wear appropriate protective equipment as detailed in section 8.

Environmental Precautions:

Readily biodegradable, Product readily dissolves in water.

Methods and Materials for Containment and Clean Up:

Collect any spilled product and deliver to a qualified recipient. Small amounts are rinsed away with water. The product will give slippery surface.

Section 7- Handling and Storage

Precautions for safe handling:

Store in cool dry area. Product is hygroscopic, store in a dry place in unopened sacks.

Conditions for safe storage:

Avoid spilling, skin and eye contact. Container must be kept tightly closed. Provide easy access to water supply and eye wash facilities. Immediately change contaminated clothes.

Incompatibilities:

None, Keep above chemicals freezing point. Storage temp: <40°C

Section 8 - Exposure Control and Personal Protection

Occupational Exposure Limits:

Chemical Identity:	CAS #:	Exposure Limit Values		SOURCE	OSHA/PPM
		TWA	STEL		PEL
Ammonium laureth sulfate	67762-19-0			ACGIH Threshold Limit Values	none
				ACGIH Threshold Limit Values	
				ACGIH Threshold Limit Values	

Exposure Limits and Appropriate Engineering Controls:

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting OSHA requirements. The following limits (ACGIH, OSHA and other) apply to this material, where, if indicated, S=skin and C=ceiling limit:
ACGH TLV/TWA PARTICULATES NOT OTHERWISE CLASSIFIED : 10mg/cubic meter(INHALABLES)

Individual Protection Measures, (Personal Protective Equipment):

Eye Protection

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally regarded as good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

Skin Protection

Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e. shirts and pants). Consideration must be given to both to durability as well as permeation resistance. Neoprene, nitrile, polyethylene or PVC.

Other Protection:

Wear protective clothing to prevent repeated or prolonged contact. Use appropriate skin cream to prevent drying of skin.

Respiratory Protection

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the latest OSHA standard (29 CFR 1910.134) and/or ANSI Z88.2 recommendations.

Ventilation Limits:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: local exhaust ventilation at the point of generation.

Hygienic Practices:

All food / smoking materials should be kept in a separate area away from the storage/use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, drinking or smoking, hands and face should be thoroughly washed. Facilities storing or using this material should be equipped with an eyewash and safety shower.

Section 9 - Physical and Chemical Properties

Appearance And Odor: Pale straw, soft paste

pH: 6.4

Melting Point: N/Av

Freezing Point: No data available

Boiling Point: Flash point: > 100°C

Flash Point: > 100°C

Evaporation Rate: No data available

Solubilities: Very soluble in water

Specific Gravity: 1.10 g/ml

Bulk Density: N/Av

Other Information:

Flammable Limits: N/Av

UEL: Not Determined

LEL: Not Determined

Vapor Pressure(mm/hg): No data available

Vapor Density(air=1): No data available

Autoignition Temp: No data available

Decomposition Temp: No data available

Reactivity In Water: No data available

Viscosity: No data available

Section 10 - Stability and Reactivity**Chemical Stability and Reactivity:**

This product is considered stable.

Possible Hazardous Reactions:

May react with strong acids and strong oxidizers

Conditions to Avoid:

Avoid heat, avoid contact with acids and oxidizing substances

Incompatible Materials:

None, Keep above chemicals freezing point. Storage temp: <40°C

Hazardous Decomposition Products:

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Sulphurous gases (SO_x).

Section 11- Toxicological Information

Information On The Likely Routes Of Exposure: Ingestion and Dermal.

Symptoms Related To The Physical, Chemical And Toxicological Effects:

Inhalation Effects:

Not relevant.

Skin Effects:

Irritation of eyes and mucous membranes. Risk of serious damage to eye.

Dermal Toxicity:

No test data found for product. Acts as a defatting agent on skin. Irritating to skin.

Eye Effects:

No test data found for product. Irritation of eyes and mucous membranes. Risk of serious damage to eye.

Ingestion Effects:

LD50 (Oral, Rat) 4000 mg/kg delayed effects: NOAEL= 350 mg/kg bw/day Rat, 28 days
Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhea.

Sensitization:

Not Sensitizing

Carcinogenicity/Mutagenicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens. No data available for mutagenicity.

Reproductive Effects:

None

Neurotoxicity:

None

Target Organs:

Not a specific target organ toxicant (STOT) by single - exposure.
Not a specific target organ toxicant (STOT) by long time exposure.

Additional Toxicological Information:

None

Section 12- Ecological Information

Ecotoxicity: LC-50 value for Algae: 1-10 mg/l 96 hours

Degradability: The product is readily biodegradable according to OECD.

Bioaccumulative potential: Primary biodegradation: 98-100 % MBAS (OECD screening test).

Mobility in the Soil: No data available

Additional Adverse effect on environment:

LC-50 value for Daphnia: 1-10mg/l (48 hours) LC-50 Acute aquatic, algae: 10-100 mg/l 72 hours.

SECTION 13 - Disposal Considerations
Disposal Instructions and Regulations:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Be advised that state/local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of material. Big amount collected and destroyed by burning. Small amounts rinsed away by water.

Hazardous Waste Code: Not considered a hazardous waste

Container Disposal Information:

Be advised that state/local requirements for container disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state/local regulations regarding proper disposal of container.

Section 14 - Transport Information
US DOT, IATA, IMO, ADR:

Proper Shipping Name: Fatty Alcohol Ether Sulphate, Ammonium Salt

D. O. T. Hazard Class: Not regulated by D.O.T

UN #: N/Ap

Label Requirement: None

RQ: N/Ap

Placard: None

CAS:

Packing Group: N/A

ERG Book Information: None

Environment Hazards: No

Marine Pollutant: No

Special Precautions: No

IATA: No

Section 15 - Regulatory Information
US Federal - OSHA Status:

This product does NOT contain any products considered hazardous under the Federal OSHA HazCom. Standard 29 CFR 1910.1200.

TSCA Status:

Listed/Non-reportable

U.S. SARA Reporting Requirements:
SARA Title III Hazard Classes Section 302 - EXTREMELY HAZARDOUS SUBSTANCES:

This product does NOT contain ingredients listed in Appendix A and B as Extremely Hazardous substances.

SARA Title III Hazard Classes Sections 311/312:

None

SARA Section 313 Toxic Chemicals:

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act:

CAS# **Chemical Name:**

This material does NOT contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

SARA Superfund Section 110:

This product does NOT contain ingredients listed as hazardous substances on the Priority List of CERCLA Hazardous substances.

CERCLA, 40 CFR 117, 302:

This product does NOT contain ingredients specified in the List of Extremely Hazardous Substances.

CERCLA listed substances are:

None

Other Federal Reporting Requirements:

CAA: This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act
CWA: No chemicals in product are listed a Hazardous Substances, Priority Pollutants or Toxic Pollutants under the CWA.
RCRA: Not considered a hazardous waste.

State Reporting Requirements:

State Right to Know Laws:

CAS#	State RTK	Chemical Name
		None

CALIFORNIA PROPOSITION 65:

This product does not contain any chemicals which require warning under California Proposition 65.

Michigan Critical Materials:

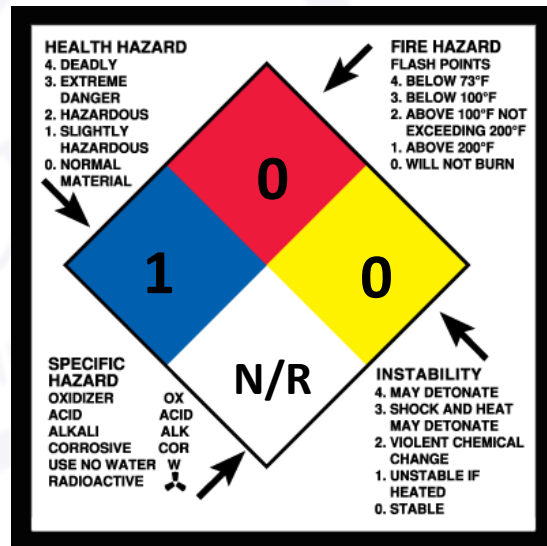
This product does not contain ingredients listed on the Michigan Critical Materials Register.

Global Lists/International Inventories:

Canada CEPA: Listed on the DSL
Canada WHMIS: No information found.

SECTION 16 - Other Information

5-10-17 - SDS reviewed - updated to GHS requirements. This replaces all previous MSDS's -



Date of last revision:

11/25/2014

NOTICE: OSHA STANDARD 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a Hazard Communication Program including training, labeling, Material Safety Data Sheets, and access to written records. We request that you, and it is your legal duty, make all information in this Material Safety Data Sheet available to your employees.

Key Legend Information:

N/Ap:	Not Applicable	ND:	Not Determined
N/R:	Not Rated	NDA:	No Data Available
ACGI	American Conference of Govr'ntal Industrial Hygienists	TLV:	Threshold Limit Value
OSHA:	Occupational Safety and Health Administration	TWA:	Time Weighted Average
PEL:	Permissible Exposure Limit	NTP:	National Toxicology Program
STEL:	Short Term Exposure Limit	TSCA:	Toxic Substance Control Act
IARC:	International Agency for Research on Cancer	CERCLA:	Comprehensive Response, Compensation and Liability Act
SARA Title III:	Superfund Amendments and Reauthorization Act	CWA:	Clean Water Act
CAA:	Clean Air Act		
RCRA:	Resource Conservation Recovery Act		
IATA:	International Air Transport Association Shipping Info.	IMO:	International Maritime Organization Shipping Info.
DSL:	Domestic Substance List (Canada)	WHMIS:	Workplace Hazardous Materials Information System

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein. This Safety Data Sheet was prepared to comply with OSHA Hazard Communication standard. (29 CFR 1910.1200 HazCom 2012). This supersedes any previous information. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by LidoChem, Inc. as to the effects of such use or the results to be obtained, nor does LidoChem, Inc. assume any liability arising out of use, by others, of the products referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist because of applicable laws or government regulations. All LidoChem Inc. SDS's are reviewed every three years or sooner if necessary. Please check the Review Date on Page 1 for most current version. Please request a new SDS from LidoChem, Inc. if the date is older than 3 years.