

FOAM AGENT

SECTION 1. IDENTIFICATION

Product Identifier: FOAM AGENT
Recommended Use: FOAMER
Initial Supplier Identifier: PAIGE INDUSTRIES. BAY# 1, 210 48th ST. E. Saskatoon, SK. (306) 665-6655
Emergency Telephone Number: 1-613-996-6666

SECTION 2. HAZARD IDENTIFICATION



Classification: Acute toxicity- ingestion, oral, dermal, eye contact.
Hazard statements: Harmful if swallowed, may cause skin irritation, may cause eye irritation, and may be harmful if inhaled.

Flammable Liquid

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Deceth	68439-45-2	.01-1
Ammonium Alcohol Ether Sulfate (C8-10)	68891-29-2	30-60
Ethyl Alcohol	000064175	10-30

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove to fresh air, if breathing is difficult give oxygen. Contact a physician
Skin Contact: Rinse thoroughly with fresh water. Contact a physician if irritation persists.
Eye Contact: Rinse with fresh water for a minimum of 15 minutes.
Ingestion: Do not induce vomiting, drink 8-10 oz. of water
Immediate Medical Attention and Special: Immediately call a poison centre or physician.
None.

Treatment:

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, water spray, CO2

Extinguishing Media:

Unsuitable Extinguishing Media: Not applicable.

Specific Hazards Arising from the Product:

May emit toxic fumes under fire conditions. May release ignitable fumes when heated.

Special Protective Equipment and Precautions for Fire-Fighters:

Refer to Section 8.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Methods for Containment and Cleaning Up:

Put on protective equipment (section 8). Stop leak if safe to do so. Ventilate enclosed areas. Absorb with an inert material and place in appropriate waste disposal container. Finish cleaning by spreading water on contaminated surface. Dispose of according to regulatory requirements.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid inhalation, skin and eye contact. Do not ingest.

Conditions for Safe Storage:

Keep container closed and away from heat and flame. Store in a cool, dry, well ventilated area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Ethyl Alcohol	1000 ppm			

Notes

Appropriate Engineering Controls:

Local general exhaust recommended.

Individual Protection Measures:

Eye/Face Protection:

Chemical safety goggles or face shield.

Skin Protection:

Cover all or apron.

Respiratory Protection:

NIOSH respirator with organic vapour cartridges.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber liquid
Odour:	Alcohol odor
Odour Threshold:	100ppm
pH:	7
Freezing Point:	-35 C
Initial Boiling Point and Boiling Range:	85 C
Flash Point:	28 C using Pensky Martens closed cup test.
Evaporation Rate:	1.7
Flammability (solid, gas):	Yes
Upper and Lower Flammability or Explosive Limit:	19 3.3
Vapour Pressure:	Less than 43mm Hg @ 20C
Vapour Density: (air = 1)	1.6
Relative Density: (water = 1)	Not available
Solubility in Water:	Easily mixes
Solubility in Other Liquids:	Not available
Partition Coefficient, n-Octanol / Water: (Log Kow)	Not available
Auto-ignition Temperature:	363 C
Decomposition Temperature:	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	None
Chemical Stability:	Yes
Possibility of Hazardous Reactions:	No
Conditions to Avoid:	Do not expose to strong oxidizers, perchloric acid or strong bases.
Incompatible Materials:	Oxidizing agents
Hazardous Decomposition Products:	Hydrogen sulfide

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity:

Skin Corrosion / Irritation: Prolonged or repeated contact to skin may cause dermatitis.

Serious Eye Damage / Irritation: May cause severe eye irritation.

STOT (Specific Target Organ Toxicity) - Single Exposure: None known.

Aspiration Hazard: Exposure to high vapour concentrations may cause headache and nausea.
STOT (Specific Target Organ Toxicity) - Repeated Exposure: Repeated inhalation or ingestion may cause central nervous system depression and gastrointestinal disturbances.

Respiratory and/or Skin Sensitization: Repeated chronic exposure may cause sensitization.

Carcinogenicity: None known

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Deceth	Not available	5100 mg/Kg [Rat]	Not available
Ammonium Alcohol Ether Sulfate (C8-10)	Not available	15000mg/Kg [Rat]	Not available
Ethyl Alcohol	31623ppm [Rat]4 hours	7000mg/Kg [Rat]	Not available

Reproductive Toxicity:

Development of Offspring: Not available.

Sexual Function and Fertility: Not available.

Effects on or via Lactation: Not available.

Germ Cell Mutagenicity: Not available.

Interactive Effects: Not available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Available.

Persistence and Degradability: Not Available.

Bioaccumulative Potential: This material is not expected to significantly bioaccumulate.

Mobility in Soil: Not Available.

Other Adverse Effects: Not Available.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: In accordance with federal, provincial and municipal environmental regulations.

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Regulated under TDG	1993	Foam Agent	Ethanol	3	III

Special Precautions
Environmental
Hazards:
Transport in Bulk
According to Annex II
of MARPOL 73/78 and
the IBC Code:

SECTION 15. REGULATORY INFORMATION

Safety, Health and
Environmental
Regulations:

SECTION 16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, either the above named supplier or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of information contained herein.

The information contained in this document applies to this specific material as supplied. It may not for this material if it is used in combination with any other materials.

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.

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Prepared by: PAIGE INDUSTRIES.
