

Paige Industries

MATERIAL SAFETY DATA SHEET

SECTION #1: Product Identification and Use

MATERIAL IDENTIFIER: FOAM AGENT
WHMIS CLASSIFICATION: B2&D2B Combustible, Flammable & other toxic effects.
PRODUCT USE: Foamer.

MANUFACTURERS NAME: PAIGE INDUSTRIES
STREET ADDRESS: Bay #1 210 48th St. E. Saskatoon, Sk.
EMERGENCY TELEPHONE #: 1-613-996-6666

SUPPLIERS NAME: MIKES OILFIELD SERVICES
STREET ADDRESS: 6210 50TH, AVE, LLOYDMINSTER, ALTA.
EMERGENCY TELEPHONE #:

SECTION #2: Hazardous Ingredients

HAZARDOUS INGREDIENTS	%	CAS #	LD ₅₀	LC ₅₀
Deceth	.01 - 1	68439-45-2	5100mg/Kg Rat(oral)	Not available
Ammonium Alcohol Ether Sulfate (C8-10)	30-60	68891-29-2	15,000mg/Kg Rat(oral)	Not available
Ethyl Alcohol	10 - 30	000064175	7000mg/Kg rat(oral)	31623ppm rat(4hours)

SECTION #3: Physical Data

PHYSICAL STATE	ODOUR & APPEARANCE	ODOUR THRESHOLD (PPM)
Liquid	Alcohol odor, Amber	100ppm
VAPOUR PRESSURE	SPECIFIC GRAVITY	EVAPORATION RATE
Less than 43 mm Hg @ 20°C.	1.03	1.7
BOILING POINT	FREEZING POINT	% VOLATILE (BY VOLUME)
85°C	-35°C	Not available
SOLUBILITY IN WATER	PH	VAPOUR DENSITY
Easily Mixes	7	1.6

SECTION #4: Fire and Explosion Data

FLAMMABILITY (yes or no):	Yes.
IF YES, UNDER WHICH CONDITIONS:	When warm
MEANS OF EXTINCTION:	Foam
SPECIAL PROCEDURES	Use water to cool nearby containers.
FLASHPOINT (°C.) AND TEST METHOD:	28°C using the Pensky martens closed cup test.
UPPER EXPLOSION LIMIT(% by volume):	19
LOWER EXPLOSION LIMIT (% by volume):	3.3
AUTO IGNITION TEMPERATURE (°C.):	363
TDG FLAMMABILITY CLASSIFICATION:	3-Flammable Liquid.N.O.S.(ethanol)UN1993p.g.III
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide and Carbon monoxide.
EXPLOSION DATA:	
Sensitivity to impact:	Not applicable
Rate of burning:	Not available
Explosive power:	Not Available
Sensitivity to static discharge:	When warm product may release ignitable vapours.

Section #5: Reactivity Data

CHEMICAL STABILITY (yes or no):	Yes.
IF NO, UNDER WHICH CONDITIONS:	
INCOMPATIBILITY WITH OTHER SUBSTANCES (yes or no):	Yes.
IF YES, WHICH ONES:	Oxidizing agents.
REACTIVITY (under which conditions):	Not available
HAZARDOUS DECOMPOSITION PRODUCTS:	Hydrogen sulfide

Section #6: Toxicological Properties

ROUTES OF ENTRY

Skin contact:	No
Skin absorption:	No
Eye contact:	yes
Inhalation acute:	yes
Inhalation chronic:	yes
Ingestion:	yes

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

Prolonged or repeated contact to skin may cause dermatitis. Exposure to high vapour concentrations may cause headache, and nausea. Ingestion may cause dizziness and central nervous system depression.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:

Repeated inhalation or ingestion may cause central nervous system and gastrointestinal disturbances.

LD₅₀ OF MATERIAL (SPECIFY SPECIES AND ROUTE):

3410 mg/Kg (Rat) oral

LC₅₀ OF MATERIAL (SPECIFY SPECIES):

31623 ppm 4hours (Rat) inhalation.

EXPOSURE LIMIT OF MATERIAL:

The TLV-TWA for Ethyl Alcohol is 1000 ppm.

IRRITANCY OF MATERIAL:

May cause severe eye irritation.
May cause skin irritation.

SENSITIZATION PROPERTY OF MATERIAL:

Not available.

CARCINOGENICITY OF MATERIAL:

None known.

REPRODUCTIVE EFFECTS OF MATERIAL:

None known.

SYNERGISTIC MATERIALS:

None known.

Section #7: Preventative Measures

PERSONAL PROTECTIVE EQUIPMENT:

Gloves:	Rubber.
Respirator:	Vapor protection.
Eyewear:	Safety glasses or goggles.
Footwear:	Not applicable.
Clothing:	Coverall or apron.
Other:	Not applicable.

ENGINEERING CONTROLS:

Local exhaust recommended.

LEAK & SPILL PROCEDURE:

Avoid inhalation and skin contact. Wear personal protective equipment. Absorb or dyke with suitable material.

WASTE DISPOSAL:

Dispose according to local and provincial laws.

HANDLING PROCEDURES & EQUIPMENT:

Avoid inhalation and skin contact.

STORAGE REQUIREMENTS:

Keep container closed and away from heat and flame.

SPECIAL SHIPPING INFORMATION:

Not applicable

Section #8: First Aid Measures

In case of eye contact, wash with water for a minimum of 15 minutes. Contact a physician.

In case of inhalation, remove to fresh air, if breathing is difficult give oxygen. Contact a physician.

In case of skin contact, wash with plenty of water.

Section #9: Preparation Date of MSDS

PREPARED BY AND DATE:

PREPARED BY PAIGE INDUSTRIES, FEBRUARY 2016.