

LIQUIPAM A-307

PRODUCT INFORMATION

CHEMICAL NAME: Acrylamide Sodium Acrylate Copolymer in Hydrocarbon Oil.

CAS #: 25085-02-3

FORMULA: Proprietary

MANUFACTURER: Jes-Chem Ltd.
3 Berkley Place
Guelph, Ontario
N1E 1E5

SUPPLIER: Panther Industries Inc.
Box 628
Davidson, SK S0G 1A0
Phone: (306) 567-2814 (24 hour)

HAZARDOUS INGREDIENTS

COMPONENT	WT %	HAZARD DATA
Acrylamide/Sodium acrylate copolymer	100	Not considered hazardous
Hydrocarbon oil Oral LD50 rat 39 g/1000g	10-40	NIOSH TLV 250 mg/cubic m.
Propriety surfactants	1-10	Low oral,dermal toxicity.Moderate skin irritant

PHYSICAL DATA

ODOUR AND APPEARANCE: Milky white liquid with mild oily odour

VAPOR PRESSURE(mm Hg/20 C): 0.13 (oil) **VAPOR DENSITY:** 6.3

EVAPORATION RATE: N.A.

STATE: Liquid

BOILING POINT: 100 C

MELTING POINT: -10 C

SPECIFIC GRAVITY (H2O=1): 1.00-1.05

SOLUBILITY IN WATER (% by weight): 5%

% VOLATILES BY VOLUME: Not determined

FIRE AND EXPLOSION DATA

MEANS OF EXTINCTION: Foam, Carbon Dioxide, or dry chemical.

MEANS OF EXTINCTION TO AVOID: Water will cause extremely slippery conditions.

FLAMMABLE LIMITS IN AIR, % BY VOLUME: Lower: 1.2 Upper: 6.0

FLASH POINT: > 100 C PMCC

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. These products become very slippery when wet.

REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: None.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY: Oxidizing agents - May cause exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition expected to produce carbon monoxide, carbon dioxide, and various nitrous oxides.

HEALTH HAZARD DATA

INHALATION: Mist, if formed, may irritate respiratory tract. Prolonged exposure to oil can cause central nervous system depression, headache, and dizziness.

EYE CONTACT: Will irritate eyes.

SKIN CONTACT: Prolonged or repeated contact may cause irritation.

INGESTION: May cause discomfort or gastrointestinal disturbance. These products have low oral toxicity.

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FIRST AID MEASURES

INHALATION: Remove to fresh air.

EYE CONTACT: Immediately flush with water, continuing for about 15 minutes. Get medical attention.

SKIN CONTACT: Product is a minor skin irritant but may cause skin redness to individuals with sensitive skin. Wash skin with soap and water after contact.

INGESTION: Get medical assistance. CAUTION: Drinking fluids may cause the ingested product to swell. DO NOT INDUCE VOMITING.

PREVENTATIVE MEASURES

RESPIRATORY PROTECTION: If misty conditions are encountered, wear NIOSH approved dust protector.

EYE PROTECTION: Safety glasses for normal handling conditions, and wear goggles when handling solutions.

VENTILATION: Local exhaust if misting occurs or if oil vapours exceed 100 ppm. Natural ventilation is adequate in absence of mist.

EXPOSED SKIN: Wear rubber gloves and full work clothing, and wear rubber clothing if repeated splashing of solutions is probable.

ADDITIONAL PRECAUTIONS: Single word - CAUTION!

When these products become wet, they are very hazardous because they create very slippery surfaces. Keep from freezing.

Application of common table or rock salt to the wet area helps to cut the slippery conditions.

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid contact with skin and eyes. Do not inhale mist.

STORAGE: Store above freezing point of water, and no hotter than 40 C. Keep away from sources of ignition.

HMIS AND NFPA RATINGS:

	HMIS	NFPA
Health	1	1
Flamability	1	1
Reactivity	1	1

EPA HAZARD CLASSIFICATION CODE:

PRESSURE - no

ACUTE - yes

REACTIVE - no

CHRONIC - no

FIRE - no

ENVIRONMENTAL PROTECTION DATA

PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Cover the spill with absorbant material such as sand or sawdust. Dispose according to local regulations.

WASTE DISPOSAL: Incineration or disposal in chemical landfill. Disposition must comply with federal, provincial and local discharge laws.

DEGRADABILITY/AQUATIC TOXICITY: Not determined but may present a toxicity problem.

PREPARATION INFORMATION

MSDS PREPARED BY: Technical Dept.
Panther Industries Inc.
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Davidson SK S0G 1A0

TELEPHONE NUMBER: (306) 567-2814

DATE PREPARED: February 20, 2004

DATE PRINTED: February 20, 2004

REFERENCES: 1. Manufacturer MSDS