

SAFETY DATA SHEET

POUR POINT DEPRESSANT

SECTION 1: Identification of the substance/mixture and of the company/undertaking Trade name:

1.1 Product identifier:	
CAS Number:	24937-78-8
EC number:	607-457-0
1.2 SYNONYMS:	<ul style="list-style-type: none">• Flow Point Depressant• Cold Flow Improver• Cold Flow Depressant• Low Temperature Flow Improver• Pour Point Reducer• Free Flow Enhancer

SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture:	Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation.
2.2 Label elements:	Labelling according to Regulation (EC) No 1272/2008 No data available
Hazard Pictograms:	No data available
Signal Word:	No data available
Hazard statements:	No data available
Precautionary Statements:	P260: Do not breathe mist, vapours or spray. P280: Wear protective gloves, protective clothing, face protection. P405: Store locked up. P501: Dispose of contents/ container to an approved waste disposal plant.
2.3 Other hazards:	
Inhalation:	may cause respiratory irritation, dizziness, or nausea, depending on the chemical composition and exposure levels.
Ingestion:	may lead to nausea, vomiting, abdominal pain, or more severe symptoms depending on the

	toxicity of the substance.
Skin Contact:	may cause irritation, dryness, or redness, and prolonged exposure could lead to more serious skin damage or allergic reactions.
Eye contact:	may cause irritation, redness, or discomfort, depending on the specific chemical composition of the product.
Chronic Exposure:	may lead to skin disorders, respiratory issues, and neurological effects, depending on the specific chemical composition of the product.
Aggravation of pre-existing conditions:	Aggravation of pre-existing conditions such as respiratory issues, skin allergies, or eye conditions may occur with chronic exposure to pour point depressants, particularly if the individual is sensitive to specific chemicals in the mixture.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterisation:	Substances
CAS No:	Description: 24937-78-8 ETHYLENE VINYL ACETATE COPOLYMER (20%) 25067-02-1 POLYVINYL ACETATE- 2-ETHYLHEXYL ACRYLATE (20%) 70955-04-3 ISOOCTONOL(60%)
Identification number(s):	EC number: 607-457-0 ETHYLENE VINYL ACETATE COPOLYMER (20%) 203-080-7 POLYVINYL ACETATE- 2-ETHYLHEXYL ACRYLATE (20%)

	201-148-0 ISOOCTONOL(60%)
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SECTION 4: First aid measures

4.1 Description of first aid measures	
General information:	
After inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
After skin contact:	Remove contaminated clothing immediately. Wash with plenty of water. Consult a physician.
After eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. consult a physician.
After swallowing:	Rinse mouth with water. Immediately after ingestion. If conscious, make victim drink two glasses at most immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting. Consult a physician.
4.2 Most important symptoms and effects, both acute and delayed:	The most important symptoms and effects of pour point depressants include acute irritation of the skin, eyes, or respiratory system, and delayed effects such as dermatitis, chronic respiratory issues, or neurological symptoms with prolonged exposure.
4.3 Indication of any immediate medical attention and special treatment needed:	Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media:	Carbon dioxide. Water spray. Alcohol-resistant foam.
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5.2 Special hazards arising from the substance or mixture:	No data available
5.3 Advice for firefighters:	Wear fully protective suit, safety glasses and respiratory device. Cool tanks/drums with water spray/remove them into safety.
5.4 further information:	no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Avoid dust accumulation. Seek medical attention.
6.2 Environmental precautions:	Do not enter this chemical into drains.
6.3 Methods and material for containment and cleaning up:	Take up spill into absorbent material, e.g.: sand, earth, vermiculite, powdered limestone. Scoop absorbed substance into closing containers. Spill must not return in its original container. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:	For use in are with adequate ventilation. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material Do not use in confined spaces. Electrostatic discharge protection. Minimize dust generation and accumulation. Avoid ingestion and inhalation.
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7.2 Conditions for safe storage, including any incompatibilities:	Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Store in a dry and dark area. Do not handle in flammable atmospheres.
Requirements to be met by storerooms and receptacles:	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
7.3 Specific end uses:	no data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	
Additional information about design of technical facilities:	A system of local and general exhaust is recommended.
8.2 Exposure controls	
Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment:	Dust respirator, protective masks, wearing anti chemical gloves, rubber gloves, etc.
General protective and hygienic measures:	Eyes, body and hand protection, maintain indoor air unobstructed. Wear protective equipment.
	Respiratory protection: Required.

Protection of hands:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws. Wash and dry hands.
	Eye protection: Required
Protection of Body:	Complete suit protecting against chemicals, Flame retardant antistatic protective clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information	
Appearance: Form:	Liquid
Colour:	Colourless
Odour:	No data available
pH-value:	No data available
Melting point/Melting range:	Not determined (depend on formulation)
Boiling point/Boiling range:	Not determined (depend on formulation)
Flammability (solid, gaseous):	Flammable (mixture contains isooctanol)
Ignition temperature:	300°C
Decomposition temperature:	200°C
Self-igniting:	None
Flash point:	120°C
Danger of explosion:	None
Explosion limits: Lower:	0.8%
Explosion limits: Upper:	12%
Vapour pressure:	Not determined
Density at 20 °C:	1.011 g/cm ³
Relative density:	1.011
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in / Miscibility with-water at 20 °C:	InSoluble

Partition coefficient:(n-octanol/water)	No data available
Viscosity:	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity	Can react with strong oxidizers to form phosphorus oxides.
10.2 Chemical stability	This chemical is stable under storage conditions.
10.3 Possibility of hazardous reactions	Can undergo hazardous reactions under decomposition.
10.4 Conditions to avoid	Heat, direct sunlight, ignition sources.
10.5 Incompatible materials	Strong oxidizing agents, strong acids and bases, reactive metals.
10.6 Hazardous decomposition products	Carbon monoxides, carbon dioxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
Acute Toxicity:	LD50 (Oral, Rat): no data available LD50 (Dermal, Rabbit): no data available
	LC50 (Inhalation Rat): no data available
Skin corrosion/Irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory damage/irritation:	No data available
Ingestion:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity - single exposure:	No data available
Specific target organ toxicity - repeated exposure:	No data available
Aspiration hazard:	No data available
Signs and Symptoms of Exposure:	Refer section 2.3
11.2 Additional toxicological information	

Biodegradability:	Low Biodegradable
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SECTION 12: Ecological information

12.1 Toxicity Aquatic toxicity:	LC50(fish): no data available EC50(daphnia): no data available ErC50(algae): no data available
12.2 Persistence and degradability:	Low Biodegradable
12.3 Bioaccumulative potential:	low bioaccumulative
12.4 Mobility in soil:	Moderate mobility
12.5 Other adverse effects:	No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods	
Uncleaned packaging Recommendation:	dispose of in accordance with local hazardous waste regulations
Recommended cleansing agents:	Water, isopropyl alcohol, acetone.

SECTION 14: Transport information

14.1 UN-Number · ADR, ADN, IMDG, IATA:	No data available
14.2 UN proper shipping name · ADR, ADN, IMDG, IATA:	No data available
14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA :	No data available
14.4 Packing group · ADR, IMDG, IATA:	No data available
14.5 Environmental hazards:	No data available
14.6 Special precautions for user:	Handle responsibly.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU	Directive 2012/18/EU, under that this substance is not classified in listed substance
Named dangerous substances:	This substance is not listed in the annex 1 to the directive.

**15.2 Chemical safety
assessment:**

Chemical assessment has not
been carried out.

SECTION 16: Other information

The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and limitations of our knowledge, this document is only for reference. Users should make their independent judgment suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

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