

PRODUCT: PASLODE COLD WEATHER LUB OIL

CODE: 7992

SECTION 01: IDENTIFICATION

Supplier identifier..... ITW CONSTRUCTION PRODUCTS
 120 Travail Road
 Markham, Ontario
 Canada
 L3J 3S1
 905-471-7403

Product identifier..... PASLODE COLD WEATHER LUB OIL
 Product code..... 7992
 Emergency telephone number..... CANUTEC 24-hour number (613-996-6666).
 Product use..... Lubricant.

SECTION 02: HAZARD IDENTIFICATION



According to Hazardous Products
 Regulations (HPR) (SOR/2015-17)

Hazard classification..... Reproductive Toxicity — Category 2. Carcinogenicity — Category 2. Specific Target Organ Toxicity - Single Exposure - Category 2 (kidney). Specific Target Organ Toxicity - Single Exposure - Category 3 (narcotic effects).

Signal word..... WARNING.

Hazard statement..... H351 Suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child. H371: May cause damage to the kidneys if swallowed. H336 May cause drowsiness or dizziness.

Precautionary statements..... P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/protective clothing/eye protection/face protection. P260 Do not breathe mist/vapours/spray. P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P308+P313 IF exposed or concerned: Get medical advice/attention. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.

Other hazards..... None.

Supplemental Information..... Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Ethylene glycol	107-21-1	45-70
Polyethyleneglycol phenylether phosphate, potassium salt	72283-31-9	5-10
Diethanolamine	111-42-2	0.1-1
<The exact concentration of composition has been withheld as a trade secret>	.	

SECTION 04: FIRST-AID MEASURES

Routes of exposure

Inhalation..... If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion..... Do not induce vomiting. Dilute with 1-2 glasses of water. Get medical aid. Never give anything by mouth to an unconscious person.

Skin contact..... Promptly wash skin thoroughly with soap and water and rinse for 15 minutes. Remove contaminated clothing and laundry before reuse. If irritation develops, get medical aid.

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SECTION 04: FIRST-AID MEASURES

Eye contact..... Do not rub eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.

Most important symptoms and effects, both acute and delayed The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Medical attention and special treatment.... If you feel unwell, seek medical attention. If possible, show this SDS to doctor in attendance. No hazards which require special first aid measures.

SECTION 05: FIRE-FIGHTING MEASURES

Extinguishing media..... Foam, Carbon dioxide (CO₂), Dry chemical.

Hazardous combustion products..... Harmful vapours. Carbon monoxide, carbon dioxide, hydrocarbons, phosphorus oxides.

Special protective equipment and precautions Move containers from fire area if this can be done without risk. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. Evacuate area and fight fire from a safe distance.

Sensitivity to static discharge..... Product is not sensitive to static discharge.

Sensitivity to mechanical impact..... Product is not sensitive to mechanical impact.

Further information..... In a fire or if heated, a pressure increase will occur and the container may burst. Cool closed containers exposed to fire with water spray. During fire, gases hazardous to health may be formed.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use personal protective clothing.

Environmental precautions..... Prevent spilled material from entering the ground, water and/or air by using appropriate containment methods. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up Absorb in vermiculite, dry sand or earth and place into container. Contaminated absorbent material may pose the same hazards as the spilled product. Dispose of absorbed material in accordance with regulations. Spills of this material are a slipping hazard. Thoroughly wash the area with water after a spill or leak.

SECTION 07: HANDLING AND STORAGE

Handling precautions..... Use good industrial hygiene practices in handling this material. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin or on clothing. Avoid inhalation of mists/vapours/fumes. Wash thoroughly after handling. Keep container tightly closed.

Storage needs..... Keep containers tightly closed when not in use. Do not store in unlabeled containers.

Materials to avoid..... Keep away from strong acids. Keep away from strong bases. Keep away from oxidizing agents.

SECTION 08: EXPOSURE CONTROLS | PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Ethylene glycol	50 ppm	not available	50 ppm	not available		not available
Polyethyleneglycol phenylether phosphate, potassium salt	not available	not available	not available	not available		not available
Diethanolamine	1 mg/m ³	not available	not available	not available		15 mg/m ³
Engineering controls.....	Good general ventilation (typically 10 air changes per hour) should be used.					
Individual protection measures						
Eye/type.....	Safety glasses with side-shields.					
Gloves/type.....	Wear chemical resistant protective gloves.					
Respiratory/type.....	Generally not required. Wear respiratory protection if ventilation is inadequate.					
Hygiene measures.....	Handle in accordance with good industrial hygiene and safety practice. Wear clean long legged, long sleeved work clothes. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.					

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SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....	liquid. green.
Color.....	characteristic.
Odour.....	
Odour threshold	10-10.5.
pH.....	not applicable.
Melting point (°C).....	< 0.
Freezing point (°C).....	100.
Initial boiling point (°C).....	>100°C, closed cup.
Flash point (°C), Method.....	not available.
Evaporation rate.....	not available.
Upper flammability limit (% vol).....	not available.
Lower flammability limit (% vol).....	17.5.
Vapour pressure (mm Hg).....	> 1.
Vapour density (air=1).....	1.06.
Relative density/Specific Gravity.....	soluble.
Water solubility.....	not available.
Solubility in other solvents.....	not available.
Partition coefficient — n-octanol/water.....	> 200 °C.
Auto ignition temperature (°C).....	not available.
Thermal decomposition temperature.....	not available.
Viscosity.....	

SECTION 10: STABILITY AND REACTIVITY

Reactivity.....	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability.....	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions.....	No data available.
Conditions to avoid.....	Avoid heat and open flame. Exposure to sunlight. Do not mix with other chemicals.
Incompatible materials.....	Strong oxidizing agents.
Hazardous decomposition products.....	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Ethylene glycol	10.9 mg/L (Inhalation-rat, 4H), mist	1,600 mg/kg (oral-human); 9,530 mg/kg (dermal-rat)
Polyethyleneglycol phenylether phosphate, potassium salt	not available	>2,000 mg/kg (oral-rat)
Diethanolamine	not available	710 mg/kg (oral-rat); 12,200 mg/kg (dermal-rabbit).
Routes of exposure		
Inhalation.....	Inhalation of spray or mist may cause irritation of the respiratory tract.	
Ingestion.....	Ingestion of this product may cause nausea, vomiting and diarrhea.	
Skin contact.....	Contact may cause skin irritation.	
Eye contact.....	Contact may cause eyes irritation.	
Acute effects		
Acute oral toxicity.....	Acute toxicity estimate > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single ingestion.	
Acute dermal toxicity.....	LD50 (Rabbit) : > 2,000 mg/kg. Method: calculation method. Virtually nontoxic after a single skin contact.	
Acute inhalation toxicity.....	Acute toxicity estimate : > 20 mg/l. Exposure time: 4 h. Method: calculation method. Virtually nontoxic by inhalation.	
Skin corrosion/irritation.....	Non-irritant.	
Serious eye damage/eye irritation.....	Result: non-irritant.	
Respiratory or skin sensitisation.....	Non-sensitizing.	
Specific target organ toxicity (STOT) single exposure	May cause damage to the kidneys if swallowed. Inhalation may cause narcosis.	
Aspiration hazard.....	No aspiration hazard expected.	
Chronic toxicity/effects		
Specific target organ toxicity (STOT) repeated exposure	No known significant effects or critical hazards.	
Carcinogenicity.....	Diethanolamine is listed as IARC Group 28 (possibly carcinogenic to humans).	
Reproductive toxicity.....	May cause adverse reproductive effects. Possible risk of harm to the unborn child (Ethylene glycol).	
Germ Cell Mutagenicity.....	No known significant effects or critical hazards.	
Remarks.....	The product has not been tested. The statement has been derived from the properties of the individual components.	

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SECTION 11: TOXICOLOGICAL INFORMATION

Symptoms of Exposure..... The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity..... Not expected to be harmful to aquatic organisms.
Persistence and degradability..... The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Bioaccumulative potential..... No data available.
Mobility in soil..... No data available.
Other adverse effects..... No applicable information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods
Waste disposal of substance..... Dispose of in accordance with national, state and local regulations.
Container disposal Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

SECTION 14: TRANSPORT INFORMATION

TDG classification..... Not classified as a dangerous good under transport regulations.

SECTION 15: REGULATORY INFORMATION

WHMIS regulatory status..... This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the Safety Data Sheet contains all the information required by the Hazardous Products Regulations (WHMIS 2015). This product is WHMIS 2015 controlled.

SECTION 16: OTHER INFORMATION

Disclaimer..... The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

Prepared by: CanChem Consultant
Preparation date..... MAY 01/2019