



## SAFETY DATA SHEET (SDS)

### *PENETR-OIL CLEAR*

#### SECTION 1: IDENTIFICATION

<b>Product Name:</b>	Penetr-Oil Clear
<b>Product Use:</b>	Rust Preventative Coating
<b>Supplier:</b>	
Corrosion Control Coatings Ltd.	
106 Colborne Street	
Walkerton, Ontario	
N0G 2V0	
1-800-934-7771	
<b>Emergency Tel.</b>	1-613-996-6666 CANUTEC for 24HR emergency information

#### SECTION 2: HAZARD(s) IDENTIFICATION

##### Classification of Substance of mixture:

##### GHS PRODUCT CLASSIFICATION

Flammability (1-3=flammable, 4=combustible,  
5=non-flammable)

Acute Toxicity (1=most severe, 4=least)

Skin Irritation (1=most severe, 4=least)

Eye Irritation (1=most severe, 4=least)

##### STOT = Specific Target Organ Toxicity:

STOT SE/acute

STOT RE/chronic

##### LABEL ELEMENTS:

**Signal Word**

**Hazard Statements**

##### GHS CLASSIFICATION

Category 4 – Combustible (USA only)

Category 4 – Harmful if swallowed

Category 3 – Causes mild skin irritation

Category 2B – Causes serious eye irritation

##### GHS CLASSIFICATION

Not classified

Not classified

Warning

**H227** – Combustible liquid. Contains aliphatic petroleum distillate.

**H316** – Cause mild skin irritation

**H319** – Causes serious eye irritation

**H333** – May be harmful if inhaled

**H302** – Harmful if swallowed

Target Organs

Acute Effects

Chronic Effects

Symbol

Skin/Eye Irritant

May cause some irritation to skin, eyes

May cause some irritation to skin, eyes



**GHS Precautionary Statements:**

**P202:**

Do not handle until all safety precautions have been read & understood.

**P210:**

Keep away from heat/sparks/open flames/hot surfaces.

**P233:**

Keep container tightly closed.

**P261:**

Avoid breathing dust / fume / gas / mist / vapours / spray / aerosol.

**P262:**

Do not get in eyes, on skin or on clothing.

**P264:**

Wash hands thoroughly after handling.

**P260:**

Do not breath mist/ vapours / spray

**P262:**

Do not get in eyes, on skin, or on clothing

**P264:**

Wash thoroughly after handling

**P270:**

Do not eat, drink, or smoke when using this product.

**P280:**

Wear protective gloves / eye protection / face protection

**P281:**

Use personal protective equipment as required

***Response:***

**P302+P264+P332+P313 – If on Skin:**

Wash thoroughly after handling. Get medical advice/attention if skin irritation occurs.

**P305+P351+P338+P337+P313 – If in Eyes:**

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice/attention if eye irritation persists.

**P304+P41+P309+P313 – If Inhaled:**

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

**P301+P330+P331+P301+P310 – If Ingested:**

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**P306+P363 – If on Clothing:**

Wash contaminated clothing before reuse.

**P404+P233+P411+P235 – Storage:**

Store in a well-ventilated place. Keep container tightly closed. Store at temperatures not exceeding 200°C/392°F.

**Disposal:**

Dispose according to local regulations.

### **SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS**

**Mixture:** (ingredient/CAS/EU List No/% or range)

<b>Ingredient</b>	<b>CAS#</b>	<b>EC List No.</b>	<b>%</b>	<b>GHS Classification</b>
Sulfonic acids, petroleum, overbased calcium salts	68783-96-0	272-213-9	35-65	Not applicable
Aliphatic petroleum distillate	54742-88-7		<50%	Not applicable

### **SECTION 4: FIRST-AID MEASURES**

<b>Inhalation:</b>	Remove person to fresh air and keep comfortable for breathing. Call a POISON CONTROL CENTER/doctor/physician if you feel unwell.
<b>Skin/Hair Contact:</b>	Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs, get medical advice/attention.
<b>Eye Contact:</b>	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, and continue rinsing. If eye irritation occurs, get medical advice/attention.
<b>Ingestion:</b>	Do not induce vomiting. Seek medical advice immediately and show this container or label.
<b>Important Symptoms/Effects, both Acute &amp; Delayed:</b>	Seek medical attention in the event of any allergic reaction, excessive irritation and/or difficulty breathing.

### **SECTION 5: FIRE-FIGHTING MEASURES**

Product is liquid, contains petroleum oil and may burn.

<b>Extinguishing Media:</b>	Extinguish preferable with dry chemicals, carbon dioxide or foam. Water may be used to cool and protect exposed metals.
<b>Special Fire Fighting Procedures:</b>	Full protective equipment including self-contained breathing apparatus. Chemical protection suit. Keep containers cool by spraying with water if exposed to fire.
<b>Hazards Arising from the Substance or Mixture:</b>	Mixture may contain oil(s) which burn with air particularly in enclosed spaces. Mainly oxides of carbon and water with small amounts of unidentified organic compounds. Water may cause splattering. Material will float on water.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Containment &amp; Clean Up:</b>	Small spillages: Cover spills with inert absorbent material. Transfer to a lidded container for disposal and recovery.
<b>Environmental Precautions:</b>	Avoid release into the environment.
<b>Precautions, Protective Equipment &amp; Emergency Procedures:</b>	Personal protective equipment must be worn. See personal Protection Section (Section 8) for recommendations. Ventilate areas if spilled in confined space or other poorly ventilated areas. Prevent entry into sewer or water course. Collect free liquid for recycled or disposal. Residual liquid can be absorbed in inert material and collected in a container for disposal.

## **SECTION 7: HANDLING AND STORAGE**

<b>Storage:</b>	Store in a well-ventilated area. Keep container tightly closed. Storage Temp: Ambient Storage Life: Stable under normal conditions Incompatible materials: None known
<b>Handling:</b>	Use only outdoors or in a well-ventilated area Indoor Use: Provide adequate ventilation, including appropriate local extraction. Wear protective gloves/protective clothing/eye protection/face protection. See section 8. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Control Parameters:</b>	Minimize breathing vapor, mist or fumes. Avoid prolonged contact with skin and eyes. Do not eat, drink or smoke while using. Wash skin with soap and water after contact. Launder contaminated clothing.
<b>Appropriate Engineering Controls:</b>	Provide adequate ventilation, including appropriate local extraction. A washing facility/water for eye and skin cleaning purposes should be present.
<b>Respirator Protection:</b>	Wear suitable respiratory protective equipment. A suitable mask with filter type A (EN14387 or EN405) may be appropriate.
<b>Skin Protection:</b>	Wear protective gloves. Plastic or synthetic rubber (nitrile) gloves.
<b>Eye/Face Protection:</b>	Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection (EN166 or ANSI Z78.1) may be appropriate.

**Occupational Exposure Limits:**

Substance	CAS No.	LTCL (8hr TWA ppm)	LTCL (8hr TWA mg/m <sup>3</sup> )	STCL (ppm)	STCL (mg/m <sup>3</sup> )	Note: TLV
Sulfonic acids, petroleum, overbased calcium salts	68783-96-0					
Aliphatic petroleum distillate	64742-88-7	100 ppm			10 mg/m <sup>3</sup>	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Solid, Liquid, Gas, other****Appearance****Odour****Odour Threshold****Color****Boiling Point:****Flashpoint:****Evaporation Rate:****Vapour Density:****Relative Density:****Flammability (solid, gas):****Upper/lower flammability or explosive limits:****Specific Gravity:****Vapour Pressure:****Solubility in Water:****Solubility in Alcohol:****Solubility in Mineral Spirits/Solvents:****Solubility in Oil:****Auto-ignition Temperature:****Decomposition Temperature:****Melting Point:****pH:****Viscosity, ASTM D2196:****Explosive Properties:****Oxidizing Properties:****Pounds per Gallon:****Non-Volatile, Wt%:****Total Base Number, mg KOH/g:**

Liquid

Viscous Liquid

Hydrocarbon odour

Not determined

Clear

&gt;100°C

&gt;145°F (63°C)

Slower than Bu Acetate

Not determined

Not determined

Non-Flammable (FP&gt;200°F) Caution Combustible

LEL – not known UEL – not known

~1.04

Not determined

Immiscible

Not determined

Soluble

Soluble

&gt;100°C

&gt;100°C

Not determined

Not applicable

10,000-65,000 cPs @ 25°C (Brookfield RTV, #7 @ 10 rpm)

None expected

None expected

8.5

50 minimum ASTM D-2369

150-250 ASTM D-2896

## **SECTION 10: STABILITY AND REACTIVITY**

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Reactivity:</b>	Stable under normal conditions
<b>Possibility of Hazardous Reactions:</b>	Stable under normal conditions
<b>Hazardous Polymerization:</b>	Will not occur
<b>Materials to Avoid:</b>	Oxidizing agents. May react with strong alkali and acids
<b>Conditions to Avoid:</b>	Keep away from heat (>200°F), hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>Hazardous Decomposition Products:</b>	Various hydrocarbons of incomplete combustion
<b>Hazardous Polymerization:</b>	Will not occur

## **SECTION 11: TOXICOLOGICAL INFORMATION**

<b>Routes of Exposure</b>	
<b>Inhalation:</b>	Mists may irritate mucous membranes and upper respiratory tract.
<b>Ingestion:</b>	Harmful if swallowed. Do NOT induce vomiting unless directed to do so by medical professional. Seek immediate medical attention.
<b>Skin Contact:</b>	May causes mild skin irritation with extended exposure.
<b>Eye Contact:</b>	May causes serious eye irritation.
<b>Corrosivity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Mutagenicity:</b>	Not classified
<b>Toxicity for reproduction:</b>	None anticipated
<b>STOT SE/acute:</b>	Not classified
<b>STOT RE/chronic:</b>	Not classified

## **SECTION 12: ECOLOGICAL INFORMATION**

<b>Eco toxicity:</b>	Toxicity to aquatic organisms – not determined.
<b>Persistence and Degradability:</b>	Product biodegradable in water and persistence - Not determined.
<b>Boiaccumulative Potential:</b>	Not determined.
<b>Mobility on Soil:</b>	Product mobility into the soil has not been determined. Oil Soluble.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Materials, if discarded is not expected to be a characteristic waste. Dispose of in accordance with provincial, state, federal and international regulations.

## **SECTION 14: TRANSPORT INFORMATION**

**For Industrial/Professional Use Only-Keep out of reach of Children.**

<b>DOT:</b>	Combustible liquid, N.O.S.
<b>Proper shipping name:</b>	Combustible liquid, N.O.S. (contains petroleum naphtha), combustible, NA1993, PG III
<b>Transport Hazard Class(s):</b>	None; not classified if shipped in a container of 119 gallons or less.
<b>Packing Group:</b>	PG III
<b>Environmental Hazards:</b>	Not classified
<b>Transport in Bulk:</b>	Not classified
<b>Special Precautions for Users:</b>	Not classified

## **SECTION 15: REGULATORY INFORMATION**

<b>TSCA: (Toxic Substances Control Act) Status</b>	The intentional ingredients of this product is listed
<b>CERCLA RQ:4</b>	None
<b>SARA 302 Components:</b>	None
<b>SARA 313 Components:</b>	None
<b>Workplace Hazardous Information System (WHMIS)</b>	None

## **SECTION 16: PREPARATION AND OTHER INFORMATION**

<b>Occupational Exposure Limit (for aliphatic petroleum distillates):</b>	PEL/TLV: 100 ppm STEL: 10 mg/M3
<b>Acute Toxicity Data (for aliphatic petroleum distillates):</b>	Acute Oral LD50: >4 g/Kg rat Acute Dermal: >2 g/Kg rat Acute Inhalation LC50: Not applicable
<b>Supplemental Health Information:</b>	Male rats exposed for 90 days by inhalation to vapours of solvents similar to mineral spirits showed evidence of kidney damage. The relevance of this effect to humans is unknown. In one of the studies, a low-grade anemia was also observed. Rats exposed for 4 months to 1700 ppm concentration of a similar solvent showed evidence of kidney damage. These effects were not seen in rats exposed for one year to 350 ppm of another similar solvent. In response to TSCA Test Rule, several studies of a compound similar to mineral spirits have showed negative results in mutagenicity and neurotoxicity. In a mouse developmental effects study, reduced fetal body weight was seen but to no teratogenicity. A rat reproductive effects study demonstrated toxicity but little effect on reproductive parameters effects study demonstrated.

**NFPA**

Health 2  
Fire 2  
Reactivity 0

**HMIS**

Health N/A  
Fire N/A  
Reactivity N/A

**NFPA Code:** 0=least,, 1=slight, 2=moderate, 3=high,  
4=extreme

**Legend:**

LTEL = Long Term Exposure Limit  
STEL = Short Term Exposure Limit  
STOT = Specific Target Organ Toxicity

**PREPARED BY:****PHONE NUMBER:****EMERGENCY:****EMERGENCY NUMBER:****PREPARATION DATE:****EXPIRES:**

WHMIS Committee

1-800-934-7771

This SDS is Registered with CANUTEC

For 24hr Information call 613-996-6666

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