

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Apollo Technologies, Inc.
1850 S. Cobb Industrial Boulevard
Smyrna, GA 30082

Vendor

PROMECH OIL CORPORATION
38585 N. Bayonne Ave.
Beach Park, IL 60087

Phone: 770-433-0210
Web: <http://www.apolloind.com/>

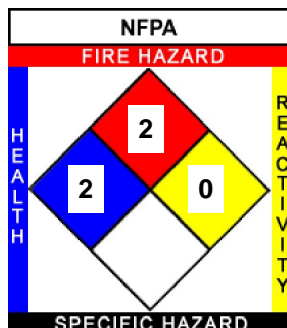
Phone: 1-847-693-8054
Web: www.promechoil.com

Product Name: PROMECH PENETRATING OIL(Non aerosol)
Revision Date: 3/10/2016
Version: 3
SDS Number: 1264091
Common Name: LIQUID LUBRICANT(Non aerosol)
Product Use: LIQUID LUBRICANT

2 HAZARDS IDENTIFICATION

- Route of Entry:** Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
- Target Organs:** Cardiovascular system; Eyes; Respiratory system; Skin;
- Inhalation:** No significant adverse health effects are expected to occur upon short-term exposure. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above exposure levels can cause respiratory irritation or other pulmonary effects.
- Skin Contact:** This material can cause mild skin irritation from prolonged or repeated skin contact. Injection under the skin can cause inflammation and swelling. Injection of pressurized hydrocarbons can cause severe, permanent tissue damage. Initial symptoms may be minor. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne.
- Eye Contact:** This product can cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness, and swelling.
- Ingestion:** If swallowed, large volumes of material can cause generalized depression, headache, drowsiness, nausea, vomiting and diarrhea. Smaller doses can cause a laxative effect. If aspirated into the lungs, liquid can cause lung damage.

NFPA: Health = 2, Fire = 2, Reactivity = 0
HMIS III: H*2/F2/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 2
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3
Health, Germ cell mutagenicity, 1
Health, Carcinogenicity, 2
Health, Reproductive toxicity, 2
Health, Specific target organ toxicity - Repeated exposure, 2

GHS Phrases:

H225 - Highly flammable liquid and vapor
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H351 - Suspected of causing cancer
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P270 - Do not eat, drink or smoke when using this product.
P281 - Use personal protective equipment as required.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.

P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin or respiratory conditions.

LISTED CARCINOGENS: OSHA - Not listed IARC - 2B possible carcinogen NTP - Not listed

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
64741-89-5	40-60%	Distillates, petroleum, solvent-refined light paraffinic
64742-54-7	40-60%	Distillates, petroleum, hydrotreated heavy paraffinic
67-64-1	30-50%	2-Propanone
95-63-6	10-20%	1,2,4-Trimethylbenzene
25551-13-7	10-20%	Benzene, trimethyl-
98-82-8	5-10%	Cumene
1330-20-7	1-5%	Xylenes, mixed
64742-55-8	1-5%	Distillates, petroleum, hydrotreated light paraffinic
64742-65-0	1-5%	Distillates, petroleum, solvent-dewaxed heavy paraffinic

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FIRST AID MEASURES

Inhalation:	Move to fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.
Skin Contact:	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

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FIRE FIGHTING MEASURES

Flammability:	Flammable Liquid
Flash Point:	-4°F (-20°C)
Flash Point Method:	Estimated
Burning Rate:	Not available.
Autoignition Temp:	Not available.
LEL:	Not available.
UEL:	Not available.

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).



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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions:

HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements:

Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, or burst.



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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Maintain adequate ventilation.
Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

INGREDIENTS	EXPOSURE LIMITS		
	OSHA-PEL	ACGIH-TLV	OTHER
1,2,4-Trimethylbenzene	25 ppm	25 ppm	
2-Propanone	1000 ppm	500 ppm	
Distillates, petroleum, solvent-refined light paraffinic	5mg/m3 8hr-TWA (oil mist)	5mg/m3 8hr-TWA (oil mist)	10mg/m3 15min-STEEL
Distillates, petroleum, hydrotreated heavy paraffinic	5mg/m3 8hr-TWA (oil mist)	5mg/m3 8hr-TWA (oil mist)	10mg/m3 15min-STEEL
Benzene, trimethyl-	25ppm (125mg/m3)	25ppm	
Cumene	50ppm (245mg/m3)	50ppm	50ppm NIOSH
Xylenes, mixed	100ppm (435mg/m3)	100ppm	150ppm STEEL
Distillates, petroleum, hydrotreated light paraffinic	5mg/m3 8hr-TWA (oil mist)	5mg/m3 8hr-TWA (oil mist)	10mg/m3 15min-STEEL
Distillates, petroleum, solvent-dewaxed heavy paraffinic	5mg/m3 8hr-TWA (oil mist)	5mg/m3 8hr-TWA (oil mist)	10mg/m3 15min-STEEL

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red clear liquid
Physical State: Liquid
Odor: Solvent odor
Solubility: Partially miscible
Spec Grav./Density: 0.83 - 0.84 g/ml
Boiling Point: >100°F
Flammability: Flammable (Estimated)
Flash Point: -4°F (-20°C) (estimated)
Vapor Pressure: No Data
pH: N/A
VOC: 20.75%
Evap. Rate: >1.00

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STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid: Strong oxidizing agents, strong reducing agents, Nitric acid, sulphuric acid, chloroform, alkalis, acids, potassium t-butoxide
Hazardous Decomposition: CO, CO2, Hydrocarbons, nitrogen oxides, Sulphur oxides



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Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.

12 ECOLOGICAL INFORMATION

No product ecological information is available.

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3
UN #: UN 1268, Class: 3, Proper Shipping Name: Petroleum products, n.o.s.

Flammable Liquid
Packing Group II
ERG 128

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Distillates, petroleum, solvent-refined light paraffinic (64741895 40-60%) MASS, TSCA, TXAIR

*Distillates, petroleum, hydrotreated heavy paraffinic (64742547 40-60%) NJHS, TSCA

*2-Propanone (67641 30-50%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*1,2,4-Trimethylbenzene (95636 10-20%) MASS, NJHS, PA, SARA313, TSCA, TXAIR

*Benzene, trimethyl- (25551137 10-20%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Cumene (98828 5-10%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

*Xylenes, mixed (1330207 1-5%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL



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*Distillates, petroleum, hydrotreated light paraffinic (64742558 1-5%) MASS, TSCA

*Distillates, petroleum, solvent-dewaxed heavy paraffinic (64742650 1-5%) NJHS, TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
NJHS = NJ Right-to-Know Hazardous Substances
CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
OSHA WAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous wastes (U-List)
TXHWL = TX Hazardous Waste List
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA water Priority Chemicals

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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OTHER INFORMATION

Author: DP

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Disclaimer:

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