



Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario, L9T 3Y5
Canada
905-878-4990

PRODUCT: 19350 MINERAL SPIRITS 1 GALLON

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario L9T3Y5
Tel (905) 878-4990 Fax (905) 878-1189

Product identifier..... 19350 MINERAL SPIRITS 1 GALLON

Recommended use and restrictions on .. Paint thinner.
use

Chemical family..... Aliphatic hydrocarbon.

NFPA rating..... Health: 2 Fire: 2 Reactivity: 0.

HMIS..... H: 2 F: 2 R: 0.

24 hour emergency number:..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 4. Aspiration Toxicity 1. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). (respiratory system).

Hazard Description..... H227 Combustible liquid. H304 May be fatal if swallowed and enters airways. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell.

Storage..... P233 Keep container tightly closed. P403 Store in a well ventilated area. P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Note This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Distillates (Petroleum) Hydrotreated Light	64742-47-8	60-100
Mineral Spirits (Stoddard solvent)	8052-41-3	60-100

*Note: Stoddard Solvent contains 1,2,4- Trimethylbenzene, CAS# 95-63-6 (1-5%), Xylene, CAS# 1330-20-7 (0.1- 0.9%), Ethylbenzene, CAS# 100-41-4 (0.1-0.5%), Naphthalene, CAS# 91-20-3 (0.1-0.5%), Nonane, CAS# 111-84-2 (1-5%)

SECTION 04: FIRST-AID MEASURES

Eye contact..... In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention.

Skin contact..... Remove all contaminated clothing and immediately wash the exposed areas with copious amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention.

PRODUCT: 19350 MINERAL SPIRITS 1 GALLON**SECTION 04: FIRST-AID MEASURES**

Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. May cause eye irritation. May cause mild skin irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause respiratory irritation.
Additional information.....	Treat victims symptomatically. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO ₂). Hydrocarbon fumes and smoke.
Special protective equipment and precautions for fire-fighters	Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Avoid all personal contact. Evacuate all non-essential personnel. Follow all applicable fire and explosion precautions during the spill response procedure. Absorb with an inert dry material and place in an appropriate waste container. Spilled material and water rinses are classified as chemical waste, and must be disposed of in accordance with current local, provincial, state, and federal regulations.
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SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. This material is a static accumulator. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Store in a cool, dry and well ventilated area. Keep container closed when not in use. Store away from oxidizing and reducing materials. Store away from sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Distillates (Petroleum) Hydrotreated Light	1200 mg/m ³	197 ppm	Not established	Not established	Not established	Not established
	CA BC: 200mg/m ³ (TWA) Skin					
Mineral Spirits (Stoddard solvent)	100 ppm	Not established	100ppm, 525 mg/m ³	Not established	Not established	Not established
	CA ON: 100 ppm (TWA)					
Personal Protective Equipment						
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.					
Gloves/ type.....	Chemical resistant gloves.					
Clothing/type.....	Wear adequate protective clothes.					

PRODUCT: 19350 MINERAL SPIRITS 1 GALLON**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Footwear/type.....	Safety boots per local regulations.
Other/type.....	Emergency showers and eye wash stations should be available. Employees should wash their hands and face before eating, drinking, or using tobacco products.
Appropriate engineering controls.....	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Clear, colourless.
Odour.....	Mild. Petroleum.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	0.3 kPa @ 20C.
Vapour density (air=1).....	5.0.
pH.....	Not applicable.
Density.....	6.58 lbs/USG; 0.79.
Melting / Freezing point (deg C).....	-58.
Solubility.....	Negligible. (<0.1%).
Initial boiling point / boiling range (deg C).....	158-195.
Evaporation rate.....	0.1.
Flash point (deg C), method.....	62 C. (Tag Closed Cup). (ASTM D-56).
Auto ignition temperature (deg C).....	229°C.
Upper flammable limit (% vol).....	13.3.
Lower flammable limit (% vol).....	1.0.
Partition coefficient — n-octanol/water.....	Not available.
% Volatile by volume.....	100.
VOC LBS/GAL less water.....	6.58 lbs/USG.
Viscosity.....	1.14 cSt @ 25C.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid, including static	Keep away from heat. Incompatible with strong oxidizers.
discharge, shock or vibration	
Hazardous decomposition products.....	By fire:. Oxides of carbon (CO,CO2). Dense black smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Mineral Spirits (Stoddard solvent)	5500 ppm (4 hrs)	5000 mg/kg (oral, rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Can be irritating to eyes and skin. This product is harmful if inhaled or swallowed. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. Excessive vapours may cause nasal and respiratory tract irritation. May cause central nervous system effects such as headache, nausea, vomiting and weakness.	
Effects of chronic exposure.....	Prolonged or repeated skin contact may cause drying or cracking of skin. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Carcinogenicity of material.....	This product contains ethylbenzene. Ethylbenzene is known to the state of California to cause cancer and developmental effects. Ethylbenzene is classified as an A3 known animal carcinogen. Petroleum distillates:. IARC Group 3:. ACGIH A3. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans.	
Reproductive effects.....	None known.	
Specific Target Organ Toxicity	May cause drowsiness or dizziness. May cause respiratory irritation.	

PRODUCT: 19350 MINERAL SPIRITS 1 GALLON**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Do not allow to enter waters, waste water or soil.
 Persistence and degradability..... Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Odourless mineral spirits) - Class 3 - Packing Group III - This product meets limited quantity exemption when shipped in containers less than 5 litres.
 DOT Classification (Road)..... 49CFR173.150 provides an exception to the requirements of subsection 172.101 flammable liquids in Packing Group III and combustible liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging. Otherwise this product is classified as UN1268 - Petroleum distillates, N.O.S. (Odourless mineral spirits) - Class 3 - Packing Group III .
 IATA Classification (Air)..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Odourless mineral spirits) - Class 3 - Packing Group III . Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
 IMDG Classification (Marine)..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Odourless mineral spirits) - Class 3 - Packing Group III . Limited Quantity. Check IMDG regulations for limited quantity exemptions.
 Marine Pollutant..... No.
 Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

SECTION 15: REGULATORY INFORMATION

CEPA status..... On Domestic Substances List (DSL).
 TSCA inventory status..... All components are listed.
 OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.
 SARA Title III
 Section 302 - extremely hazardous None.
 substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... 1,2,4-Trimethylbenzene. Ethylbenzene. Naphthalene.
 EPA hazardous air pollutants (HAPS) Ethylbenzene. Naphthalene. Xylene.
 40CFR63
 California Proposition 65..... *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer and birth defects or other reproductive harm. . (Ethyl benzene). (Naphthalene). For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS.
 Telephone number:..... (800) 387-7981.
 Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.
 Review Date:..... 2022-11-30.
 Date of the latest revision of the safety data sheet .. 2018-06-05