



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

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L**

### 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..... PF 603-1 WAX & GREASE REMOVER - MILD 3.78L

Recommended use and restrictions on .. Paint thinner.  
use

Chemical family

NFPA rating..... Health: 1 Fire: 3 Reactivity: 0.

HMIS..... H: 1 F: 3 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 2. Aspiration Toxicity 1. Skin Corrosion/Irritation — Category 2. Serious Eye Damage/Eye Irritation — Category 2A. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (CNS). Specific Target Organ Toxicity — Repeated Exposure — Category 2. (CNS). (Liver, Kidney). (Auditory system). (Eyes).

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P302 + P352 - If on skin: wash with plenty of water. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P308 + P313 If exposed or concerned, get medical advice/attention. P312 Call a POISON CENTER/doctor if you feel unwell. P314 - Get medical advice/attention if you feel unwell. P321 - For specific treatment see section 4 on this SDS. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish.

Storage..... P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool. P405 Store locked up.

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

Other hazards..... None known.

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L****SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	60-80
Distillates, pet, lt dist hydrotreat process, low-boil	68410-97-9	65-85
Xylene	1330-20-7	1-5
n-Heptane	142-82-5	1-5
Toluene	108-88-3	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. If irritation persists, obtain medical attention.
Skin contact.....	Flush affected area with water for at least 15 minutes. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention. If unconscious place in recovery position and seek medical advice.
Ingestion.....	Keep respiratory tract clear. If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, ..... whether acute or delayed	Not available.
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 <sub>2</sub> , dry chemical.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO <sub>2</sub> ). A complex mixture of airborne solid and liquid particulates and gases (smoke). Unidentified organic and inorganic compounds. Hydrogen sulphide. Sulfur Oxides. Unburned hydrocarbons. Toxic fumes.
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. 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.
Unusual fire / explosion hazards.....	None expected.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Environmental precautions.....	Prevent further leakage of product if safe to do so. Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Personal precautions, protective ..... equipment and emergency procedures	Ensure adequate ventilation. Evacuate personnel to a safe area. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Wear appropriate personal protection equipment.
Methods and materials for containment ..... and cleaning up	Contain spilled material and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Avoid breathing vapours or mist. Avoid formation of aerosol. Obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Take precautions against static discharge. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Keep away from heat, sparks, and open flame. Employees should wash hands and face before eating or drinking. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage, including any incompatibilities	No smoking. Keep container closed when not in use. Keep containers tightly closed in a dry and well ventilated area. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

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## SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		NIOSH
	TWA	STEL		STEL	REL	
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established		250 ppm
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available	Not available	Not available		Not available
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available		Not available
n-Heptane	400 ppm CA ON: 400ppm (TWA),	500 ppm 500ppm (STEL)	500 ppm	Not Established		85 ppm / STEL 440 ppm
Toluene	20 ppm CA ON: TWA: 20 ppm	Not available	200 ppm	500 ppm 10 minutes		100 ppm / STEL 150 ppm

## Personal Protective Equipment

Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Organic filter is highly recommended. Consult your personal protective equipment supplier for additional recommendations.
Eye/type.....	Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.
Clothing/type.....	Wear impervious protective clothing. Consult your personal protective equipment supplier for additional recommendations.
Footwear/type.....	Safety boots per local regulations. Consult your personal protective equipment supplier for additional recommendations.
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. Do not smoke in application area. Wash hands at the end of the work day.
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. Local exhaust should be used to maintain levels below the exposure limits. Explosion-proof exhaust ventilation.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Liquid.
Colour.....	Not available.
Odour.....	Not available.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.779.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Not available.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	Not available.
Auto ignition temperature (deg C).....	Not available.
Upper flammable limit (% vol).....	Not available.
Lower flammable limit (% vol).....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
% Volume Volatile exempt.....	69.00.
Formula LBS/GAL.....	6.50.
% Weight Volatile (VOC).....	29.90.
% Volume Volatile (VOC).....	30.99.
Total MIR.....	0.67.
VOC LBS/GAL less exempt volatiles.....	6.27.

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VOC LBS/GAL less water..... 1.94 lbs/USG.  
 Viscosity..... Not available.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity ..... No dangerous reaction.  
 Chemical stability..... Stable at normal temperatures and pressures.  
 Possibility of hazardous reactions..... Vapours may form explosive mixture with air.  
 Conditions to avoid, including static ..... Heat, sparks and open flames. Do not pressurize, cut, weld, braze, solder, drill, grind or discharge, shock or vibration expose containers to heat or sources of ignition.  
 Incompatible materials..... Acids. Aldehydes. Amines. Bases. Halogenated compounds. Metals. Nitrogen oxides. Oxidizing agents. Peroxides. Rubber, various plastics.  
 Hazardous decomposition products..... Oxides of carbon (CO,CO2).

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
n-Heptane	103 mg/m3 rat 4 hr	> 5000 mg/kg (oral, rat)
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora); 12,124 mg/kg (rabbit dermal )

Route of exposure..... Eye contact. Skin contact. Inhalation. Skin absorption.  
 Effects of acute exposure..... Acute inhalation toxicity : Acute toxicity estimate: > 40 mg/l, Exposure time: 4 h, Test atmosphere: vapour. Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg.  
 Effects of chronic exposure..... Not available.  
 Skin corrosion/irritation..... Causes skin irritation.  
 Serious eye damage/eye irritation..... Vapours may cause irritation to the eyes, respiratory system and the skin.  
 Carcinogenicity..... No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH.  
 Mutagenicity..... The data do not allow for an adequate assessment of the mutagenic effect.  
 Reproductive effects..... No component of this product present at levels greater than or equal to 0.1% .  
 Eye contact..... Not available.  
 Skin contact..... May cause skin irritation. Solvents may degrease the skin.  
 Ingestion..... Not available.  
 Inhalation (acute)..... Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects.  
 Inhalation (chronic)..... Not available.  
 STOT-SE..... May cause drowsiness or dizziness. Classification includes narcotic effects in a single exposure.  
 Aspiration Hazard..... May be fatal if swallowed and enters airways.

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Harmful to aquatic life. Do not allow to enter waters, waste water or soil.  
 Mobility in soil..... No data.  
 Ecotoxicity..... Toluene is harmful to aquatic life with long lasting effects.  
 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**

DOT Classification (Road)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Toluene, Heptane, Xylene, Acetone, VMP Naptha) - Class 3 - Packing Group II.  
 IATA Classification (Air)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Toluene, Heptane, Xylene, Acetone, VMP Naptha) - Class 3 - Packing Group II.  
 IMDG Classification (Marine)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Toluene, Heptane, Xylene, Acetone, VMP Naptha) - Class 3 - Packing Group II.

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L****SECTION 14: TRANSPORT INFORMATION**

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..... Acetone. Toluene. Xylene.  
 EPA hazardous air pollutants (HAPS) ..... Acetone. Toluene. Xylene.  
 40CFR63  
 California Proposition 65..... (Toluene(D)). \*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://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.

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 data sheet