



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.  
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).

Hazard Description..... H304 May be fatal if swallowed and enters airways. H225 Highly flammable liquid and  
vapour. H361 Suspected of damaging fertility or the unborn child. H315 Causes skin  
irritation. 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 the 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. 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. 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. %
Distillates, pet, lt dist hydrotreat process, low-boil	68410-97-9	80-100
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	
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. Protect unharmed eye. 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. Do not induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If ingestion is suspected, contact physician or poison control center immediately. Take victim immediately to a hospital.
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, CO2, 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	Do not allow run-off from fire fighting to enter drains or water courses. Hazardous combustion products may include but not limited to: Oxides of carbon (CO, CO2). A complex mixture of airborne solid and liquid particulates and gases (smoke). Unidentified organic and inorganic compounds. Hydrogen sulphide. Sulfur Oxides. Sulphuric acid. 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. Keep run-off water from entering sewers and other waterways. Dike for water control. Dispose of all runoff water as hazardous waste in accordance with all Local, Provincial and Federal Regulations.
Unusual fire / explosion hazards.....	Not available.

**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.....	Do not spray on a naked flame or any incandescent material. Take precautions against static discharge. Use explosion proof equipment. Keep away from heat, sparks, and open flame. Avoid formation of aerosol. Avoid breathing vapours or mist. 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. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. 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 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.

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available	Not available	Not available	Not available
	Not available				
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm	300 ppm	100 ppm	Not established	Not established
	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), 500ppm (STEL)	500 ppm	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.....	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.....	Wear chemical resistant safety boots. 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.....	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.....	Light.
Odour.....	Hydrocarbon.
Odour threshold (ppm).....	No data.
pH.....	No data.
Melting / Freezing point (deg C).....	No data.
Initial boiling point / boiling range (deg C).	118 °C (244 °F).
Flash point (deg C), method.....	14 °C (57 °F).
Evaporation rate.....	1.0.
Upper flammable limit (% vol).....	7 %(V).
Lower flammable limit (% vol).....	0.90 %(V).
Vapour pressure (mm Hg).....	1.5 - 2.0 kPa. @ 20°C.
Relative Vapor Density.....	4.1.
Relative Density (Specific Gravity).....	0.74 - 0.76. @ 15.6°C. (water = 1).
Density.....	6.284 lb/gal.
Solubility.....	0.05 g/L Negligible in water.
Partition coefficient — n-octanol/water.....	No data.
Auto ignition temperature (deg C).....	320.
Viscosity.....	Not available.
% Volume Volatile exempt.....	0.00.
Formula LBS/GAL.....	6.27.
% Weight Volatile (VOC).....	100.00.
% Volume Volatile (VOC).....	100.00.
Total MIR.....	1.41.
VOC LBS/GAL less exempt volatiles.....	6.27.
VOC LBS/GAL less water.....	6.27.

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L****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 discharge, shock or vibration .....	Heat, sparks and open flames.
Incompatible materials.....	Acids. Aldehydes. Amines. Bases. Halogenated compounds. Metals. Nitrogen oxides. Oxidizing agents. Peroxides.
Hazardous decomposition products.....	No decomposition occurs under normal conditions of use.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	3400 ppm 4hr Rat	>2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat
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. The data do not allow for an adequate assessment of the mutagenic effect.	
Mutagenicity.....	Some evidence of adverse effects on development, based on animal experiments.	
Reproductive effects.....	May cause drowsiness or dizziness. Classification includes narcotic effects in a single exposure. May cause respiratory irritation.	
STOT-SE.....	May cause damage to organs through prolonged and repeated exposure.	
STOT-RE.....	May be fatal if swallowed and enters airways.	
Aspiration Hazard.....		

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	Toluene is harmful to aquatic life with long lasting effects.
Environmental.....	Harmful to aquatic life. Do not allow to enter waters, waste water or soil.
Mobility in soil.....	No data.
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.
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**SECTION 14: TRANSPORT INFORMATION**

TDG Classification.....	UN1268 - PETROLEUM DISTALLATES, N.O.S., (Toluene, Heptane, Xylene, Petroleum Distillates), Class 3, Packing Group II - This product meets limited quantity exemption when shipped in containers less than 5 litres.
DOT Classification (Road).....	UN1268 - PETROLEUM DISTALLATES, N.O.S., (Toluene, Heptane, Xylene, Petroleum Distillates), Class 3, Packing Group II.
IATA Classification (Air).....	UN1268 - PETROLEUM DISTALLATES, N.O.S., (Toluene, Heptane, Xylene, Petroleum Distillates), Class 3, Packing Group II.
IMDG Classification (Marine).....	UN1268 - PETROLEUM DISTALLATES, N.O.S., (Toluene, Heptane, Xylene, Petroleum Distillates), Class 3, Packing Group II.
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. .

**PRODUCT: PF 603-1 WAX & GREASE REMOVER - MILD 3.78L****SECTION 15: REGULATORY INFORMATION**

CEPA status..... On Domestic Substances List (DSL).  
 National Pollutant Release Inventory (NPRI)(CAS # 108-88-3 (CAT 1A &5)). (CAS # 1330-20-7 (CAT 1A &5)).  
 Environmental Emergency Regulations.... Toluene (CAS # 108-88-3) Part 1. Xylene (CAS # 1330-20-7 ) Part 1.  
 Categorization of the DSL..... (CAS # 68410-97-9). (CAS # 108-88-3).  
 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..... Toluene. Xylene.  
 EPA hazardous air pollutants (HAPS) ..... 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