



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

**PRODUCT: 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG**

### 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..... 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG

Recommended use and restrictions on .. Cleaner. Solvent.  
use

Chemical family..... Hydrocarbons.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 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 1. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (Narcotic Effects). (CNS). (respiratory, CNS). Specific Target Organ Toxicity — Repeated Exposure — Category 2. (liver, kidney, central nervous system). (Inhalation). (Auditory system). (Eyes). Acute Toxicity (Dermal) — Category 4. Acute Toxicity (Inhalation) — Category 4.

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.

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. P310 - Immediately call your local poison control centre. 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..... P405 Store locked up. P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool.

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.

**PRODUCT: 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG****SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	60-80
Xylene	1330-20-7	10-30
Isopropyl Alcohol	67-63-0	1-5
Ethylbenzene	100-41-4	7-13
Distillates, pet, lt dist hydrotreat process, low-boil	68410-97-9	1-5
n-Heptane	142-82-5	0.1-1
Toluene	108-88-3	0.1-1

**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. Check for and remove any contact lenses, if safe and easy to do so. Obtain medical attention.
Skin contact.....	Rinse skin with cold water. 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.
Ingestion.....	Rinse mouth with water. 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. Obtain medical attention immediately.
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	Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke. Unidentified organic and inorganic compounds. Hydrogen sulphide. Sulfur Oxides. Sulphuric acid.
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.....	Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protection equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to a safe area. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	Cover spill with inert absorbant material. Sweep up and place in container for proper disposal. Always wear ppe during cleanup. Clean up any residual material with absorbent and dispose of as hazardous waste.

**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Use explosion proof equipment. Take precautions against static discharge. Do not spray on a naked flame or any incandescent material. 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. Dispose of rinse water according to local, Provincial and Federal guidelines.
Conditions for safe storage, including any incompatibilities	Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from sunlight. Store away from incompatible materials. Store in a cool, dry and well ventilated area. No smoking.

**PRODUCT: 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG****SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established		250 ppm	
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available		Not available	
Isopropyl Alcohol	200 ppm CA ON: 200 ppm (TWA), 400 ppm (STEL)	400 ppm	400 ppm (TWA)	500 ppm		400 ppm	
Ethylbenzene	100 ppm CA ON: 20ppm (TWA)	125 ppm	100 ppm	Not established		100 ppm / STEL 125 ppm	
Distillates, pet, lt dist hydrotreat process, low-boil	Not available	Not available	Not available	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**

Eye/type.....	Wear airtight protective goggles. Chemical safety goggles and full faceshield if a splash hazard exists. Consult your personal protective equipment supplier for additional recommendations.
Respiratory/type.....	Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Consult your personal protective equipment supplier for additional recommendations.
Gloves/ type.....	Gloves impervious to the material are recommended. 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.
Appropriate engineering controls.....	Local exhaust at points of emission. Ventilation system must be designed vapor and explosion proof for handling solvent vapors.

**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 available.
Relative Density (Specific Gravity).....	0.805.
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.
VOC LBS/GAL less water.....	7.02 lbs/USG.
% Weight Volatile (VOC).....	29.90.
% Volume Volatile (VOC).....	28.61.
% Volume Volatile exempt.....	71.37.
Formula LBS/GAL.....	6.72.
LBS VOC/GAL solids.....	0.00.

**PRODUCT: 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Total MIR..... 2.14.  
 VOC LBS/GAL less exempt volatiles..... 7.02.  
 Viscosity..... No data.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability..... Stable at normal temperatures and pressures.  
 Reactivity ..... Not reactive under normal conditions of use.  
 Possibility of hazardous reactions..... May form explosive mixtures with: air.  
 Conditions to avoid, including static ..... Keep away from heat. Incompatibilities include but not limited to the following: Aldehydes.  
 discharge, shock or vibration Rubber. Plastics. Bases. Amines. Oxidizing agents. Acids. Halogenated compounds.  
 Metals. Nitrogen oxides. Peroxides. Alkali metals. Aluminum.  
 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)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Isopropyl Alcohol	72600 mg/m3, rat (4 hr)	1870 mg/kg (oral, rat). 4059 mg/kg (dermal, rabbit)
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Distillates, pet, It dist hydrotreat process, low-boil	Not available	Not available
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. Ingestion.  
 Effects of acute exposure..... Contact with skin may cause moderate to severe irritation. Skin absorption of material may cause systemic toxicity. Contact with eyes may cause irritation. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.  
 Effects of chronic exposure..... Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin. Chronic exposure to organic solvent vapours have been associated with various neurotoxic effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties.  
 Aspiration Hazard..... May be fatal if aspired into the airways.  
 Carcinogenicity..... This product contains ethylbenzene. Ethylbenzene is known to the state of California to cause cancer and developmental effects.  
 Reproductive effects..... No known reproductive effects.  
 Mutagenicity..... No known mutagenic effects.  
 Respiratory or Skin Sensitization..... None known.  
 Serious eye damage/eye irritation..... Causes serious eye damage.  
 Skin corrosion/irritation..... Causes skin irritation.  
 STOT-SE..... Overexposure may be headache, dizziness, tiredness, nausea and vomiting. Certain components are known to have narcotic effects. Solvents may degrease the skin. .  
 STOT-RE..... May cause damage to organs through prolonged and repeated exposure.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity..... May be dangerous for the environment. .  
 Persistence and degradability..... Product data not available.  
 Bioaccumulative potential..... Product data not available.  
 Mobility in soil..... Product data not available.

**PRODUCT: 13524 HEAVY DUTY WAX & GREASE REMOVER - STRONG****SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

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

**SECTION 15: REGULATORY INFORMATION**

CEPA status..... On Domestic Substances List (DSL).  
 NPRI..... Xylene (CAS # 1330-20-7) Cat 1A & 5. Ethylbenzene (CAS # 100-41-4) Part 1A. Toluene (CAS # 108-88-3) Part 1A & 5.  
 Environmental Emergency Regulations.... Xylene (CAS # 1330-20-7 ) Part 1. Ethylbenzene (CAS # 100-41-4) Part 1. Toluene (CAS # 108-88-3) Part 1.  
 Categorization of the DSL..... Ethylbenzene (CAS # 100-41-4). Acetone (CAS # 67-64-1). Distillates, pet, It dist hydrotreat process, low-boil (CAS # 68410-97-7). Toluene (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 ..... Ethylbenzene (CAS # 100-41-4).  
 substances  
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.  
 Section 313..... Xylene. Isopropyl alcohol. Ethylbenzene. Toluene.  
 EPA hazardous air pollutants (HAPS) ..... Xylene. Ethylbenzene. Acetone. Toluene.  
 40CFR63  
 California Proposition 65..... (Ethylbenzene (C)). \*\*\* ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Toluene(D)). \*WARNING: This product contains a chemical known to the State of California to cause cancer.

**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 .. 2024-02-26  
 data sheet