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Milton, Ontario, L9T 3Y5  
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**PRODUCT: PF 19180 WAX AND GREASE REMOVER (MILD) 4L**

### SECTION 01: IDENTIFICATION

Initial supplier identifier..... Wyatt Machine Tools (Rupes) NZ Limited  
388 Church Street, Penrose  
Auckland, New Zealand  
PH: (09) 525 1000  
FAX: (09) 525 1009

Product identifier..... PF 19180 WAX AND GREASE REMOVER (MILD) 4L

Recommended use and restrictions on .. Paint thinner.  
use

Chemical family..... Aromatic hydrocarbons.

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

HMIS..... H: 1 F: 3 R: 0.

24 hour emergency number..... NZ Emergency 0800 992 881 (0800WYATT1).

### SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritation — Category 2. Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 4. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). Specific Target Organ Toxicity — Repeated Exposure — Category 2.

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. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure.

Prevention..... 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. P264 Wash thoroughly after handling. 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. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. 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. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P332 + P313 - If skin irritation occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical attention. 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. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS.

Storage..... P405 Store locked up. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P235 Keep cool.

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

### SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	60-100

**PRODUCT: PF 19180 WAX AND GREASE REMOVER (MILD) 4L****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.
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 mild skin irritation. May cause eye 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.
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 and unsuitable extinguishing media	"Alcohol" foam, CO <sub>2</sub> , 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 <sub>2</sub> ).
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 and floating liquid may produce fire.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Evacuate all non-essential personnel. Keep away from heat, sparks and flames. Use non-sparking tools and equipment to pick up the spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Avoid all personal contact. 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. 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. Do NOT use compressed air for handling. 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. 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
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm	300 ppm	100 ppm	Not established		Not established
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 and full faceshield if a splash hazard exists.					
Gloves/ type.....	Chemical resistant gloves. Nitrile rubber. PVC. Neoprene.					
Clothing/type.....	Wear adequate protective clothes.					
Footwear/type.....	Safety boots per local regulations.					
Other/type.....	Emergency showers and eye wash stations should be available.					

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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. Explosion-proof exhaust ventilation.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state..... Liquid.  
 Colour..... Light.  
 Odour..... Hydrocarbon odour.  
 Odour threshold (ppm)..... Not available.  
 Vapour pressure (mm Hg)..... 1.5 - 2.0 Kpa.  
 Vapour density (air=1)..... 4.1.  
 pH..... Not applicable.  
 Relative Density (Specific Gravity)..... 0.74 - 0.76. @ 15.6°C.  
 Melting / Freezing point (deg C)..... No data.  
 Solubility..... Negligible.  
 Initial boiling point / boiling range (deg C). 118-150°C (245-302°F).  
 Evaporation rate..... 1.0.  
 Flash point (deg C), method..... 14-18°C Closed Cup.  
 Auto ignition temperature (deg C)..... 320°C.  
 Upper flammable limit (% vol)..... 7.  
 Lower flammable limit (% vol)..... 0.9.  
 Partition coefficient — n-octanol/water..... >3.  
 % Volatile by volume..... 100.  
 VOC..... 6.25 lb/USG.  
 Viscosity..... 13.2 sec Zahn #2.

**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
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	3400 ppm 4hr Rat	>2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat
Route of exposure.....	Eye contact. Skin contact. Inhalation. Skin absorption.	
Effects of acute exposure.....	May cause central nervous system effects such as headache, nausea, vomiting and weakness. Aspiration of liquid into lungs can cause chemical pneumonitis. Can be irritating to eyes and skin. This product is absorbed by the respiratory tract and the digestive tract.	
Effects of chronic exposure.....	Prolonged or repeated skin contact may cause drying or cracking of skin. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects.	
Carcinogenicity of material.....	May aggravate pre-existing skin and eye disorders. 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.	

**SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... Harmful to aquatic life. Do not allow to enter waters, waste water or soil.  
 Ecotoxicity..... EC50: 4700 mg/L. Pseudokirchneriella subcapitata 72 hr.  
 Persistence and degradability..... Readily biodegradable.

**PRODUCT: PF 19180 WAX AND GREASE REMOVER (MILD) 4L****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. (Naphtha) - Class 3 - PGII - this product meets limited quantity exemption when shipped in containers less than 1 litre.  
 DOT Classification (Road)..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Naphtha) - Class 3 - PGII. Ltd Qty (1 Liter/0.26 Gallons).  
 IATA Classification (Air)..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Naphtha) - Class 3 - PGII . Limited Quantity. Do not ship by air without checking appropriate IATA regulations.  
 IMDG Classification (Marine)..... UN1268 - PETROLEUM DISTILLATES, N.O.S. (Naphtha) - Class 3 - PGII . 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..... None.  
 EPA hazardous air pollutants (HAPS) ..... None.  
 40CFR63  
 California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.  
 (NZ) Statement..... This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2017.  
 (NZ) HSNO Classifications..... 3.1B. 6.1D. 6.1E. 6.3A. 6.4A. 6.9B.  
 (NZ) HSNO Group Standard..... Cleaning Products - Flammable HSR002528.

**SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.  
 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