

## SAFETY DATA SHEET

### PRODUCT: WAX AND GREASE REMOVER

#### SECTION 01: Chemical product and company identification

Manufactured by..... Rexall Solutions  
27 Keefer Road  
St Catharines, ON L2M 6K4

Product name..... Wax & Grease Remover  
Recommended use and restrictions on use.. Cleaner. Solvent.  
Chemical family..... Hydrocarbons.  
NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.  
HMIS..... H: 2 F: 3 R: 0.  
24 hour emergency number:..... CANUTEC's 24-hour number (1-888-CAN-UTEC(226-8832) or 613-996-6666)

#### SECTION 02: Hazards identification



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritant 2. Eye Irritant 2. Single Target Organ Toxicity - Single Exposure 3. (narcotic effects). Reproductive 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. H336 May cause drowsiness or dizziness. H361 This product contains ingredients that are suspected of damaging fertility or the unborn child.

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. P280 Wear protective gloves and eye protection. P264 Wash thoroughly after handling. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area.

Response ..... P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. 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. P302 + P352 - If on skin: wash with plenty of water. P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. 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. P337 + P313 - If eye irritation persists get medical attention. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P308 + P313 If exposed or concerned, get medical advice/attention.

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

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: WAX AND GREASE REMOVER****SECTION 03: Composition/Information on Ingredients**

| HAZARDOUS INGREDIENTS | CAS #      | WT. % |
|-----------------------|------------|-------|
| Acetone               | 67-64-1    | 20-10 |
| VM&P NAPHTHA          | 64742-89-8 | 40-60 |
| Toluene               | 67-63-0    | 10-30 |

**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.....              | 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.   |
| Additional information..... | Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.   |
| Hazardous combustion products.....          | Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke.  |
| Special fire fighting procedures.....       | 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**

|                 |   |
|-----------------|---|
| Leak/spill..... | Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. 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. |
|-----------------|---|

**SECTION 07: Handling and storage**

|                          |   |
|--------------------------|---|
| Handling procedures..... | 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. 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. |
| Storage needs.....       | 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<br>STEL | PEL           | OSHA PEL<br>STEL | REL NIOSH       |
|----------------------|--------------------------|-------------------|---------------|------------------|-----------------|
| Acetone              | 50 ppm                   | 150 ppm           | 100 ppm TWA   | Not established  | Not established |
| VM&P NAPHTHA         | 100 ppm                  | 300 ppm           | 100 ppm       | Not established  | Not established |
| Toluene              | 200 ppm                  | 400 ppm           | 400 ppm (TWA) | 500 ppm          | 400 ppm         |
| Protective equipment |                          |                   |               |                  |                 |
| Eye/type.....        | Liquid chemical goggles. |                   |               |                  |                 |

**PRODUCT: WAX AND GREASE REMOVER****SECTION 08: Exposure controls / personal protection**

|                                       |   |
|---------------------------------------|---|
| Respiratory/type.....                 | Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. |
| Gloves/ type.....                     | Chemical resistant gloves.  |
| Clothing/type.....                    | Wear adequate protective clothes.   |
| Footwear/type.....                    | Safety boots per local regulations.   |
| 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**

|  |                       |
|--|-----------------------|
| Physical state.....                                | Liquid.               |
| Colour.....  | Clear, colourless.    |
| Odour.....   | Characteristic odour. |
| Odour threshold (ppm).....                         | Not available.        |
| Vapour pressure (mm Hg).....                       | Not available.        |
| Vapour density (air=1).....                        | No data.              |
| pH.....  | No data.              |
| Relative Density (Specific Gravity).....           | 0.842.                |
| Melting / Freezing point (deg C).....              | < 0 C.                |
| Solubility.....                                    | Miscible.             |
| Initial boiling point / boiling range (deg C)..... | >82°C .               |
| Evaporation rate.....                              | Not available.        |
| Flash point (deg C), method.....                   | 12. (estimated).      |
| Auto ignition temperature (deg C).....             | > 320.                |
| Upper flammable limit (% vol).....                 | 12.0.                 |
| Lower flammable limit (% vol).....                 | 0.9.                  |
| Coefficient of water/oil distribution.....         | Not available.        |
| % Volatile by volume.....                          | 100.                  |
| VOC.....   | 6.22 lbs/USG.         |
| Viscosity.....                                     | No Data.              |

**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.....                | Keep away from heat. Incompatible with strong oxidizers. Aldehydes. Halogenated compounds. Strong acids. |
| Hazardous decomposition products.....   | By fire: Oxides of carbon (CO,CO2). Dense black smoke.   |

**SECTION 11: Toxicological information**

| INGREDIENTS                      | LC50  | LD50  |
|----------------------------------|---|---|
| Acetone                          | 6350 ppm 4 hours rat  | >3523 mg/kg rat oral                                |
| VM&P NAPHTHA                     | 3400 ppm 4hr Rat  | >2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat         |
| Toluene                          | 16,000 ppm 8 hours rat  | 5,000 mg/kg rat oral.<br>12,800 mg/kg rabbit dermal |
| Route of entry .....             | Eye contact. Skin contact. Inhalation.  |   |
| 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. |   |
| Carcinogenicity of material..... | This product contains ethylbenzene. Ethylbenzene is known to the state of California to cause cancer and developmental effects.   |   |

**PRODUCT: WAX AND GREASE REMOVER****SECTION 11: Toxicological information**

Reproductive effects..... High level exposure to Acetone in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known.

Sensitizing capability of material..... None known.

**SECTION 12: Ecological information**

Environmental..... Do not allow to enter waters, waste water or soil.

Persistence and degradability..... Not available.

**SECTION 13: Disposal considerations**

Waste disposal..... 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**

TDG Classification..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol) - Class 3 - Packing Group II - This product meets the Limited Quantity exemption when packaged in containers less than 1 Litre.

DOT Classification (Road)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol) - Class 3 - PGII. Ltd Qty (1 Liter/0.26 Gallons).

IATA Classification (Air)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol) - Class 3 - PGII. Limited Quantity.

IMDG Classification (Marine)..... UN1993 - FLAMMABLE LIQUID, N.O.S. (Isopropyl Alcohol) - Class 3 - PGII. Limited Quantity.

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**

WHMIS 1988 classification..... B2. D2A. D2B.

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 substances ..... None.

Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.

Section 313..... Acetone. Isopropyl alcohol.

EPA hazardous air pollutants (HAPS) ..... 40CFR63

California Proposition 65..... \*WARNING: This product contains a chemical known to the State of California to cause cancer.

**SECTION 16: Other information**

Prepared by: ..... REGULATORY AFFAIRS

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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