



SAFETY DATA SHEET

LOW ODOR PARTS WASHER SOLVENT

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Low Odor Parts Washer Solvent

PRODUCT DESCRIPTION: Aliphatic hydrocarbon-Mineral Spirits

SUPPLIER: Commercial Oil Company
P (905) 560-3244
F (905) 560-2961
35 Burford Road
Hamilton, Ontario
L8E 3C6

Product and MSDS Information: 1-800-463-1976

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

The following components are defined in accordance with sub-paragraph 13(a) (i) to (iv) or paragraph 14(a) of the Hazardous Products Act

Light distillate-Hydro treated	100%	CAS-64742-47-8	LD50: >2 g/kg oral rat >2 g/kg skin rabbit
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SECTION 3. HAZARDS IDENTIFICATION

WHMIS: Class B, Division B: Combustible Liquids
PIN Number: UN 1268

Packing Group III

Primary TDG: Class 3.3



Signal word

Warning

Hazard statement

Combustible liquid. May cause an allergic skin reaction.

INHALATION: High vapour concentrations are irritating to the eyes, nose, throat and lungs; may cause headaches and dizziness; may be anesthetic and may cause other central nervous system effects. Avoid breathing vapours or mists.

EYE CONTACT: Slightly irritating but will not injure eye tissue.

SKIN CONTACT: Low Toxicity. Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INGESTION: Minimal Toxicity. Small amounts of this liquid drawn into the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema).

CHRONIC: Prolonged and repeated exposures of male rats to inhalation of light hydrocarbon vapours in the same boiling range as this material produced kidney disorders and/or damage. These effects were not observed in similar studies with female rats and male and female mice and in limited studies with other animal species and are believed to be unique to the male rat. A number of human studies have not shown clinical evidence of an association between light hydrocarbons exposure and disease. It is highly unlikely that the kidney effects observed in male rats have significant implications for humans exposed at or below the occupational exposure limits.

OCCUPATIONAL EXPOSURE LIMITS: ACGIH Recommends: For Trimethylbenzene, 25ppm (125mg/m³)
Manufacturer recommends: 100 ppm based on composition

SECTION 4. FIRST AID MEASURES

INHALATION: In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Flush with large amounts of water. Use soap if it is available. Remove severely contaminated clothing (including shoes) and launder before reuse. If irritation persists, seek medical attention.

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention

SECTION 5. FIRE-FIGHTING MEASURES

Flashpoint and method: 61 - 66 deg C TCC

Auto ignition: 235 deg C **Flammable Limits:** .7 to 6 % by volume

GENERAL HAZARDS: Combustible Liquid; may form combustible mixtures at or above the flash point. Toxic gases will form upon combustion.

FIRE FIGHTING: Use water spray to cool fire exposed surfaces and to protect personnel. Shut off fuel to fire. Use foam, dry chemical or water spray to extinguish fire. Respiratory and eye protection required for fire fighting personnel. Avoid spraying water directly into storage containers due to danger of boil over. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.

HAZARDOUS COMBUSTIBLE PRODUCTS: Fumes, smoke and carbon monoxide.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills as required to appropriate Provincial and Federal authorities. In particular, immediate reporting is required for all spills that could reach any waterway, including wetlands and intermittent dry creeks.

LAND SPILL: Eliminate source of ignition. Keep public away. Prevent additional discharge of material; if possible do

so without hazard. Prevent spills from entering sewer watercourses or low areas. Contain spilled liquid with sand or earth. Recover by pumping or using a suitable absorbent. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse affects of the spill.

WATER SPILL: Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in unconfined waters. Consult an expert on

disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all action necessary to prevent and remedy the adverse affects of the spill.

PERSONAL PRECAUTIONS: See Section 8

SECTION 7. HANDLING AND STORAGE

HANDLING STORAGE AND SHIPPING: Keep containers closed. Handle and open containers with care. Store in a cool, well-ventilated place away from incompatible materials. Do not handle or store near an open flame, sources of heat, or sources of ignition.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION: The selection of personal protective equipment varies depending upon conditions of use. Where prolonged and/or repeated skin and eye contact is likely to occur, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where eye contact is unlikely, but may occur as a result of short and/or periodic exposures, wear safety glasses with side shields. Where concentrations in air may exceed the occupational exposure limits given in Section 4 and where engineering work practices or other means of exposure reduction are not adequate, approved respirators may be necessary to prevent overexposure by inhalation.

ENGINEERING CONTROLS: The use of local exhaust ventilation is recommended to control emissions near the source. Laboratory samples should be handled in a fumed. Provide mechanical ventilation of confined spaces

SKIN PROTECTION: No special equipment required. However, good personal hygiene practices should always be followed.

EXPOSURE LIMITS: This product does not contain any components which have recognized exposure limits.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Viscosity: 1.18 cST at 25°C

Vapour Pressure: 30 - 93 kPa at 0°C

Appearance: Clear, colourless liquid

Evaporation Rate: 0.04

Freezing/Melting Point: <-18°C

% Volatile: 100

SECTION 10. STABILITY AND REACTIVITY

STABILITY: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION: N/A.

SECTION 11. TOXICOLOGICAL DATA

ORAL TOXICITY

Low Toxicity

DERMAL TOXICITY

Low Toxicity

Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION TOXICITY

Negligible hazard at normal temperatures (up to 38 deg C). Elevated temperatures or mechanical action may form vapours, mists or fumes, which may be irritating to the eyes, nose, throat and lungs. Avoid breathing vapours or mists.

EYE IRRITATION

Slightly irritating but will not injure eye tissue

SKIN IRRITATION

Practically non-irritating. (Primary Irritation index: greater than 0.5 but less than 3). Based on testing of similar products and/or the components.

SECTION 12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: Not established.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: The product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.

SECTION 14. TRANSPORT INFORMATION

PRODUCT LABELLow Odor Parts Solvent

SHIPPING NAME..... Aliphatic hydrocarbon-Mineral Spirits

SECTION 15. REGULATORY INFORMATION

No information available.

SECTION 16. PREPARATION

USE: CLEANING AND DEGREASING

COMMERCIAL OIL COMPANY
Hamilton, Ontario

Date: Mar. 30, 2016
Prepared by: Operations

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