

Safety Data Sheet

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Manufacturer Castoleum Corporation – P.O. Box 41 – Centuck Station – Yonkers, NY 10710
914-664-5877 Sterifab@Sterifab.com www.TRIZOLLUBE.com

Product Family Petroleum Products

Trade Name TRIZOL GP

Recommended Uses All purpose oil.

Preparation Date May 8, 2015

Emergency Phone 800-255-3924 CHEMTEL

SECTION 2 – HAZARD IDENTIFICATION

Classification: This product is not classified as hazardous according to 29 CFR 1910.1200 (2012)

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Percent (Wt.)
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	100

SECTION 4 – FIRST AID MEASURES

Description of First Aid Measures

General Information: Not expected to be a health hazard when used under normal conditions.

Inhalation: No treatment necessary under normal conditions of use. If symptoms persist, obtain medical advice.

Skin Contact: Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available. If persistent irritation occurs, obtain medical attention.

Eye Contact: Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Ingestion: If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Give nothing by mouth.

Most important symptoms/effects, acute & delayed: Oil acne/folliculitis signs and symptoms may include formation of black pustules and spots on the skin of exposed areas. Ingestion may result in nausea, vomiting and/or diarrhea.

Indication of immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5 – FIREFIGHTING MEASURES

Basic Firefighting Procedures: Clear fire area of all non-emergency personnel.

Extinguishing Media: Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media: Do not use water in a jet.

Special hazards arising from substance or mixture: Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide. Unidentified organic and inorganic compounds.

Advice for Firefighters: Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

SECTION 6 – ACCIDENTIAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: Avoid contact with spilled or released material. For guidance on selection of personal protective equipment see Section 8: Exposure Control and Personal Protection of this Material Safety Data Sheet. See Section 13 – Disposal Consideration for information cleanup options. Observe the relevant local and international regulations.

Personal Precautions, Protective Equipment and Emergency Procedures: Avoid contact with skin and eyes.

Environmental Precautions: Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Methods and Material for Containment and Clean Up: Slippery when spilt. Avoid accidents, clean up immediately. Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.

Additional Advice: Local authorities should be advised if significant spillages cannot be contained.

SECTION 7 – HANDLING AND STORAGE

Refer to Section 8: Exposure Control and Personal Protection

General Precautions: Use local exhaust ventilation if there is risk of inhalation of vapors, mists or aerosols. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires. Use the information in this data sheet as input to a risk assessment of local circumstances to help determine appropriate controls for safe handling, storage and disposal of this material.

Precautions for Safe Handling: Avoid prolonged or repeated contact with skin. Avoid inhaling vapor and/or mists. When handling product in drums, safety footwear should be worn and proper handling equipment should be used.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed and in a cool, well-ventilated place. Use properly labelled and closeable containers. Storage Temperature: 0 - 50°C / 32 - 122°F, Store separately from oxidizing agents.

Additional Information: Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion. Exposure to this product should be reduced as low as reasonably practicable. Recommended Materials: For containers or container linings, use mild steel or high density polyethylene.

Unsuitable Materials: PVC.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Guidelines Components: Oil Mist: TLV 5 mg/m³

Engineering Controls

Ventilation: Good industrial practice requires adequate general ventilation of the workplace.

Personal protective equipment: General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Store protective clothing separately.

Breathing equipment: Not required.

Protection of hands: Gloves are recommended.

Eye protection: Goggles are recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State Amber colored liquid

Specific Gravity (Water=1) 0.87-0.88

pH Not Determined

Solubility in Water Nil

Odor Bland

Odor Threshold Not Determined

Melting/Freezing Point Not Determined

Boiling Range Not Determined

Initial Boiling Point Not Determined

Evaporation Rate: Lower than xylene.

Upper/Lower Flammability Limits in Air Not Determined

Flash Point (ASTM 972) 390°F/199°F

Volatiles Not Volatile

Vapor Pressure (@68°F/20°C) Nil

Vapor Density Not Determined

Partition Coefficient Not Determined

Viscosity Not Determined

Critical Temperature Not Determined

Auto Ignition Temperature Not Determined

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Stable, does not react under normal conditions of use.

Chemical Stability: Stable under normal conditions of use.

Stability/Incompatibility: Avoid contact with strong oxidizers.

Hazardous Reactions/Decomposition Products: Hazardous decomposition products are not expected to form during normal storage.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Skin and eye contact are the primary routes of exposure although exposure may occur following accidental ingestion.

Acute Oral Toxicity: Low toxicity: LD₅₀ > 5000 mg/kg, Rat

Acute Dermal Toxicity: Low toxicity: LD₅₀ > 5000 mg/kg, Rabbit

Acute Inhalation Toxicity: Low toxicity: LC₅₀ > 5 mg/l / 4 h, Rat

Skin Corrosion/Irritation: Expected to be slightly irritating. Prolonged or repeated skin contact without proper cleaning can clog the pores of the skin resulting in disorders such as oil acne/folliculitis.

Serious Eye Damage/Irritation: Expected to be slightly irritating.

Respiratory Irritation: Inhalation of vapors or mists may cause irritation to the respiratory system.

Respiratory or Skin Sensitization: Not expected to be a skin sensitizer.

Aspiration Hazard: Not considered an aspiration hazard.

Germ Cell Mutagenicity: Not considered a mutagenic hazard.

Carcinogenicity: Product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

Reproductive and Developmental Toxicity: Not expected to be a hazard.

Specific target organ toxicity - single exposure: Not expected to be a hazard.

Specific target organ toxicity - repeated exposure: Not expected to be a hazard.

Additional Information: Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

Note: Information on Toxicological effects: Information given is based on data on the components and the toxicology of similar products.

SECTION 12 – ECOLOGICAL INFORMATION

Basis for Assessment: Incomplete Eco toxicological data are available for this product. The information given below is based partly on a knowledge of the components and the ecotoxicology of similar products.

Acute Toxicity: Poorly soluble mixture. May cause physical fouling of aquatic organisms. (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract). Fish: Practically nontoxic: LL/EL/IL50 > 100 mg/l Aquatic Invertebrates: Practically nontoxic: LL/EL/IL50 > 100 mg/l Algae: Practically nontoxic: LL/EL/IL50 > 100 mg/l Microorganisms: Practically nontoxic: LC/EC/IC50 > 100 mg/l Chronic Toxicity Fish: NOEC/NOEL > 100 mg/l (based on test data) Aquatic Invertebrates: NOEC/NOEL > 1.0 - <=10 mg/l (based on test data) 12.2 Persistence and degradability: Major constituents are expected to be readily biodegradable, but the product contains components that may persist in the environment.

Bioaccumulative Potential: Contains components with the potential to bioaccumulate.

Mobility: Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Result of the PBT and vPvB assessment: The substance does not fulfill all screening criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB.

Other Adverse Effects: Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities. Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

SECTION 13 – DISPOSAL CONSIDERATION

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into the environment, in drains or in water courses.

Container Disposal: Dispose in accordance with prevailing regulations, preferably to a recognized collector or contractor. The competence of the collector or contractor should be established beforehand.

US/RCRA Waste Disposal Methods: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Low Carbon Nitrogen Bearing Chrome is not listed RCRA Hazardous Waste (40 CFR 261).

SECTION 14 – TRANSPORT INFORMATION

US DOT: Not Regulated.

SECTION 15 – REGULATORY INFORMATION

SARA TITLE III: Product does not contain toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372

EPCRA 311/312 CATEGORIES:

Immediate (Acute) Health Effects: NO 2. Delayed (Chronic) Health Effects: NO 3. Fire Hazard: NO 4. Sudden Release of Pressure Hazard: NO 5. Reactivity Hazard: NO

CHEMICAL INVENTORIES: All components comply with the following chemical inventory requirements: DSL (Canada), TSCA (United States).

NEW JERSEY RTK CLASSIFICATION: Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 ET. seq., the product is to be identified as follows: PETROLEUM OIL (Motor oil)

California Proposition 65: None

SECTION 16 – OTHER INFORMATION

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

Prepared for: Castoleum Corporation
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