

Vulsay Industries Ltd.
MATERIAL SAFETY DATA SHEET

REVISION DATE: March 05, 2017

FLO-PERM POWER STEERING FLUID

MATERIAL NAME IDENTIFIER: FLO-PERM POWER STEERING FLUID
CHEMICAL NAME: Mixture
SUPPLIER: & PACKAGER: Vulsay Industries Ltd.
ADDRESS: 35 Regan road, Brampton, Ontario L7A 1132
PHONE: (905) 846 2200 Fax# (905) 846 2249
EMERGENCY PHONE #: (613) 996 6666 (CANUTEC)

PREPARATION INFORMATION

SOURCES USED: Technical references and MSDS on raw materials
PREPARED BY: Quality control department PHONE #: (905) 846 2200
BRIEF NOTE ON REVISION: None – Name change to Flo-perm

INGREDIENTS

Severally solvent refined light petroleum oil CAS # 64741-89-4
Severally solvent refined heavy petroleum oil CAS # 64741-88-4

PHYSICAL DATA

PHYSICAL STATE: Liquid BOILING POINT: >260 C
VAPOUR DENSITY (Air = 1) : >1 SPECIFIC GRAVITY: 0.87
VAPOUR PRESSURE: <0.1 mm HG
SOLUBILITY IN WATER: Insoluble APPEARANCE: Amber colour liquid with lube oil odour

FIRE AND EXPLOSION HAZARDS

FLASH POINT: >193 C METHOD: ASTM D-92
FLAMMABLE LIMITS: Not Determined AUTO IGNITION TEMPERATURE: Not determined
EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical, foam. DO NOT USE DIRECT WATER STEAM.
FIRE AND EXPLOSION HAZARDS: When heated above it flash point, this material will release flammable vapours which can burn or be explosive in open or confined space if exposed to an ignition source. Keep away from extreme heat and open flame.
Fire fighting instructions: This material will burn although it is not easily ignited. For fires involving this material, don't enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.
Combustion products: Depending upon combustion conditions, a complex mixture of liquids and gases including co, co2 and other organic compounds.
NFPA Ratings: Health: 0 Flammability: 1 Reactivity: 0

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MAGNUM POWER STEERING FLUID

REACTIVITY DATA

CHEMICAL STABILITY: Stable under normal ambient conditions.
INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizers such as chlorates, nitrates, peroxides.
HAZARDOUS POLYMERIZATION: Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS: Not known (none expected)

TOXICOLOGICAL PROPERTIES

EYE: Not expected to cause prolonged or significant eye irritation from short-term exposure.
SKIN: Essentially nonirritating to skin on short-term exposure
INGESTION: No significant adverse health effects are expected if swallowed.
INHALATION: Vapors are unlikely due to physical properties. May cause irritation to respiratory tract
SYSTEMIC & OTHER EFFECTS: No relevant information available

PREVENTATIVE MEASURES

ENGINEERING CONTROLS: Good general ventilation should be sufficient for most conditions.
EYE/FACE PROTECTION: Use safety glasses or chemical goggles if splashing or spraying is likely.
SKIN PROTECTION: Use impervious gloves during prolonged or frequently repeated contact with the product. Wear apron or long sleeved body covering. Wash hands/exposed skin with soap and water.
RESPIRATORY PROTECTION: None is needed under normal use. If required, use an approved air-purifying respirator

FIRST AID MEASURES

INHALATION: In case of over exposure, move person to fresh air.
SKIN: Wash exposed skin with water and mild soap. Remove contaminated clothing.
EYES: Flush eyes with water for at least 15 minutes. Obtain medical attention if necessary.
INGESTION: If swallowed, seek medical attention. Do not induce vomiting.

ADDITIONAL INFORMATION

IN CASE OF SPILL OR LEAK: Eliminate all sources of ignition in vicinity of spilled material. Prevent entry into sewers or waterways. Contain spill with dike. Clean up with absorbent. DO NOT FLUSH TO SEWERS, ON THE GROUND OR INTO ANY BODY WATER. Disposal must comply with all federal, provincial and local laws and regulations.

Avoid exposure to ignition sources or higher temperatures.

TRANSPORTATION INFORMATION: D.O.T. Not regulated

WHIMS CLASSIFICATION: Not controlled under WHMIS

NOTE: The recommendations and data presented herein are believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information or the use of product.