



SAFETY DATA SHEET

System Cleaner

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: System Cleaner

PRODUCT DESCRIPTION: Emulsion System Cleaner

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:

Complex mixture of Petroleum Hydrocarbons (C9-C17) 50-75% CAS 8008-26-6 LD50: >5-g/kg oral rat

Alkaline Surfactant Emulsifiers and non phenolic coupling agents 25-50% CAS 64742-81-0

*Note: Aromatic content is 15-25% typical (Benzene-Nil)

SECTION 3. HAZARDS IDENTIFICATION

WHMIS: Class B, Division B: Combustible Liquids

PIN Number: UN 1223

Packing Group III

Primary TDG: Class 3.3

Sub Class 9.2



Signal word

Hazard statement

Warning

Combustible liquid. May cause an allergic skin reaction.

ROUTE OF ENTRY: Skin (X) Eyes (X) Inhalation (X) Ingestion (X)

EFFECTS OF ACUTE EXPOSURE: Vapour or liquid strongly irritating if splashed in eyes. Over exposure to undiluted vapours may cause dizziness, irritation of the respiratory tract and headache. Higher concentrations may cause loss of consciousness and respiratory damage. Product may cause skin de-fatting and irritation. Ingestion can cause nausea, irritation of mouth and digestive tract and abdominal pain. Aspiration into lungs can

cause intense local irritation of lung tissue, which may give rise to chemically induced pneumonia.
CHRONIC: No further effects of long term exposure are expected.

OCCUPATIONAL EXPOSURE LIMITS: 100 ppm (solvent vapour)

LD 50 (Oral) : >2500 mg/kg

LD 50 (Dermal) : >2500 mg/kg

Reproductive Toxicity: None

Synergistic Products: None

Sensitization: Non sensitizer

Teratogenicity: Non Teratogenic

Carcinogenicity: Non carcinogenic

Mutagenicity: None

SECTION 4. FIRST AID MEASURES

INHALATION: Immediately remove the affected victim from exposure. Keep patient warm and at rest. If there is loss

of consciousness give oxygen if available. 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: >40 deg C TCT

Auto ignition: >150 deg C **Upper and Lower Flammable Limits:** Not Determined

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

Ph: 9.6 @ 1% in water

Specific Gravity: 0.89 %

Vapour Density (air=1): 4.5

Boiling Point: 160-175°C

Freezing/Melting Point: <0°C

Volatile: >50

Appearance: Colour-Deep Amber

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 LABEL ... System Cleaner

SHIPPING NAME..... Emulsion System Cleaner

SECTION 15. REGULATORY INFORMATION

No information available.

SECTION 16. PREPARATION

USE: Emulsion System Cleaner

COMMERCIAL OIL COMPANY
Hamilton, Ontario

Date: April 5, 2016
Prepared by: Operations

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