



MULSOLV CONCENTRATE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY UNDERTAKING

Product Name: Mulsolv Concentrate

Product Information: A concentrated solvent-based degreaser for cleaning heavy oil and grease contamination on warehouse and workshop floors and garages. Powerful for automotive engine and machinery cleaning.

Company Name: SCL (TRINIDAD) LIMITED

Address: LP #45, Saddle Road, San Juan. Trinidad, W.I.

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Emergency No. Fire/Ambulance (990) / EHS – NE (624-4343), SC (653-4343)
Tobago (639-4444)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Product Code: IND-330

Hazardous Ingredients / Components:	CAS No.	Wt%
Petroleum Distillates	8008-20-6	>20
Butyl Cellosolv	111-76-2	1 - 10
Potassium Hydroxide	1310-58-3	1 - 10

Other Components: Risk Phrases & Symbol

For e.g.: Xi = Irritant, R36 = Irritating to eyes, R37 = Irritating to respiratory system, R38 = Irritating to skin

3. HAZARDS IDENTIFICATION



Health:

Inhalation: Inhalation may be irritating to the respiratory system. Prolonged or excessive exposure may cause coughing, dizziness and nausea.

Skin Contact: Repeated exposure may cause skin dryness and cracking with irritation.

Eye Contact: May be irritating to eyes characterized by burning, redness, intense watering with swelling and conjunctivitis.

Ingestion: Harmful if swallowed. Irritation and burning of the lips and mouth. May cause stomach cramps, nausea and vomiting.

Fire: Flammable.

4. FIRST – AID MEASURES

Inhalation: Remove to a ventilated area. Loosen tight clothing, waistband, collar, etc and keep legs upraised. Seek medical attention immediately.



Skin Contact: Remove contaminated clothing and shoes and launder before reuse. If irritation occurs, flush skin with copious amounts of water for 15 minutes. Seek medical attention if irritation persists.

Eye Contact: Remove contact lenses. Immediately flush with large amounts of clean, low-pressure water for at least 15 minutes. Seek medical attention for pain or irritation.

Ingestion: DO NOT induce vomiting. Loosen tight clothing, waistband, collar, etc. Rinse mouth with cold water. Give Milk of Magnesia, milk or egg white. If vomiting occurs, give fluids again. DO NOT give anything by mouth to an unconscious person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media: Alcohol-resistant foam, carbon dioxide, dry powder or sand may be used for small fires.

Fire Fighting Protective Equipment: Persons should wear self-contained breathing apparatus with structural protective clothing. Keep adjacent containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use gloves for handling large quantities along with chemical splash goggles, impervious boots and clothing and approved respiratory protection where ventilation may be compromised.

Environmental precautions: If large quantities of product contaminates soil or waterways, contact local authorities.

Method for cleaning up: Eliminate open flames, ignition, sparks, etc. Reclaim excess, if possible and store in a metal container for disposal. Adsorb remainder unto sand, earth or vermiculite and store for disposal. Contact the local waste disposal authority. Wash away residue with soapy water.

7. HANDLING AND STORAGE

Handling: If handling large quantities wear gloves, safety goggles and respiratory protection. Avoid contact with eyes. Do not swallow.

Storage: Store always in a tightly-closed, original container in a well ventilated cool place away from heat, open flames or ignition sources. Keep out of the reach of children

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering measures: Ventilation is essential from a local exhaust.

Personal protective equipment:

Respirators: Wear NIOSH approved respirators especially in poorly ventilated areas.

Eye Protection: Wear chemical splash goggles when handling.

Gloves: Wear nitrile or vinyl gloves.

Occupational Exposure Limits – Hazardous Ingredients

Hazardous Ingredients / Components:	CAS No.	Exposure Limits
Petroleum Distillates	8008-20-6	TLV-TWA [mg/m ³]: 200
Butyl Cellosolv	111-76-2	TLV-TWA [mg/m ³]: 50
Potassium Hydroxide	1310-58-3	TLV-TWA [mg/m ³]: 2



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid
Colour: Deep Red
Odour: Banana
PH (10% Value): 9.5 – 10.5
Boiling Point: Not available
Melting Point: Not available
Flash Point: 40°C
Flammable Limits: Not available
Auto Ignition Temperature: Not available
Vapour Pressure (mm Hg): Not available
Specific Gravity: 0.84 – 0.89
Solubility (Water): Emulsifies with water
Partition Coefficient: N/A

10. STABILITY AND REACTIVITY

Hazardous Reactions: Flammable
Hazardous Decomposition Product(s): Hydrocarbons released on decomposition.
Conditions to avoid: Sources of ignition, open flames, sparks. Stable under normal storage conditions
Materials to avoid: Strong oxidizing agents.

11. TOXICOLOGY INFORMATION

Ingredient / Component:	LD₅₀ (Oral)	LD₅₀ (Skin)	LC₅₀
Petroleum Distillates	>500mg/kg, Rat	500mg/kg, Rabbit	N/A
Butyl Cellosolv	1480mg/kg, Rat	400mg/kg, Rabbit	N/A
Potassium Hydroxide	Not Available	Not Available	N/A

12. ECOLOGICAL INFORMATION

Environmental Hazards: Not considered as an environmental hazard when used in dilution as recommended and disposed of as found in section 13.
Persistence and Degradation: Biodegradable.
Toxicity:

	EC₅₀	LC₅₀
Petroleum Distillates	Not Available	Not Available
Butyl Glycol	Not Available	Not Available
Potassium Hydroxide	60mg/L, Daphnia magna	80mg/L, Mosquito Fish

Effect on Effluent Treatment: Not harmful to effluent treatment in diluted quantities.

13. DISPOSAL CONSIDERATIONS

Product & contaminated packaging: Local waste disposal authority. For contaminated products received directly from manufacturer, contact manufacturer immediately and return product for assessment.

14. TRANSPORT INFORMATION

IATA: N/A
ADR: N/A
IMO: N/A
UN NO.: N/A



15. REGULATORY INFORMATION

Federal Regulations: This product has been classified in accordance with the hazard criteria of the HMIS.

HMIS- Hazardous Materials Identification System

Health- 1

Flammability- 2

Physical Hazard- 0

Hazard rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

16. OTHER INFORMATION

SCL products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms & Conditions of Sale, copies of which may be obtained on request. Whilst SCL endeavors to ensure that any advice, recommendations, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are used, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by SCL.

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