



MATERIAL SAFETY DATA SHEET

PRODUCT - UNIVERSAL CLEANER

1. Description/Properties (nature, reactivity)

A solvent cleaner based on a blend of oxygenated solvents of very low toxicity, designed for general industrial cleaning applications such as the removal of oil, grease, coatings, inks and semi-cured resins, paints and adhesives.

2. Composition/Information of Ingredients

<u>Hazardous Components</u>	<u>Concentration</u>	<u>Hazard</u>	<u>Risk Phrases</u>	<u>OES</u>
N/A				

3. Hazards Identification

- a) **Fire/Explosion Hazard** (stability, flammability, combustion products)

Product is combustible but is not classified in the flammable range.
Flash point above 80° C. Closed cup.

- b) **Health Hazard** (inhalation, ingestion, contact with skin or eyes)

May be harmful by prolonged contact with skin. Avoid contact with skin and, in particular, with the eyes. **Must not be ingested.** Avoid excessive inhalation of vapour.

4. First Aid Measures

- Inhalation - Low risk in normal usage. Remove to fresh air. Rest and keep warm.
- Skin contact - Wash thoroughly with water. Remove contaminated clothing and launder before re-use.
- Eye contact - Irrigate with copious supply of clean water. Obtain medical attention.
- Ingestion - Do not swallow, rinse mouth with water. If swallowed, drink water. Obtain prompt medical attention. Do not induce vomiting.



5. Fire Fighting Measures

Extinguish fires with Carbon Dioxide, Foam, Dry Powder, Water Fog or Spray. Do not use water in a jet.

6. Accidental Release Measures

Spillage - Switch off engine, no naked lights, no smoking. Take action to limit further spillage. Disperse small spillage with large excess of water. Large spillage – contain, absorb and pick up, place in sealed container for disposal via licensed contractor. Wash down traces with excess of water.

Fire - See above.

First Aid - See above.

7. Handling and Storage

Stable.

8. Exposure Control/Personal Protection

Normal precautions in handling industrial chemicals should be applied. Protective clothing and gloves should be worn. Goggles must be worn at all times to protect the eyes.

Do not work near naked flames.

9. Physical and Chemical Properties

Density at 20°C	:	1.08
Vapour Pressure at 25°C	:	< 0.100 mm/Hg
Solubility in water at 20°C	:	Insoluble
pH value	:	N/A
Flash point	:	above 80°C closed cup
Thermal Decomposition	:	Co ² , Co, smoke
Hazardous reactions	:	Avoid strong oxidisers

10. Stability and Reactivity

Stable – Avoid contact with strong oxidisers.



11. Toxicological Information

Low Toxicity Material. Contains no toxic components.

12. Ecological Information

All components are readily bio-degradable by OECD method 301D.

13. Disposal Consideration

Disperse small spillage with large excess of water. Return unwanted material to the supplier.

14. Transport Information

Not classified as hazardous for transportation purposes except under ADR item 3.32(c) SI No: 1993. No flammable marking required.

15. Regulatory Information

Not classified as hazardous. Advisory safety phrase. Avoid contact with eyes.

16. Other Information

Contains no materials allocated an Occupational Exposure Standard or Maximum Exposure Limit in HSE Guidance Note EH40.

PLEASE NOTE:

The above information is based on the present state of our knowledge at the time of publication. It is given in good faith, no warranty is implied with respect to quality or specification of product. The user must satisfy him/herself that the product is entirely suitable.

Signature:

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Date: 31st January 2000