

Silicone Dissolver No.1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Silicone Dissolver No.1
Chemical Name:
Supplier: Jacobson Chemicals Ltd
 Unit 4
 Newman Lane Industrial Estate
 Alton
 Hants
 GU34 2QR
Telephone: 01420 86934
Fax: 01420 549574
E-mail: sales@jacobsonchemicals.co.uk

2. COMPOSITION

Substance: N/a
Substance Name: N/a
EC Index No: N/a
CAS Number: N/a
EEC Number: N/a

<u>Constituents</u>	<u>Range</u>	<u>Haz Symt</u>	<u>Risk</u>
10% Sulphonic Acid			R36/R38
90% Hydrocarbon Solvent			R65

3. HAZARD IDENTIFICATION

The most important hazards are: Harmful, Irritant
Inhalation: May cause irritation to eye, nose and throat following exposure to mists, vapours or fumes.
Skin Contact: Unlikely to cause irritation on single contact. Prolonged or repeated contact may cause irritation which could result in dermatitis particularly with poor standards of hygiene.
Eye Contact: Likely to cause irritation with short-term redness and stinging.
Ingestion: Likely to be harmless if swallowed in small amounts - larger quantities may cause nausea and diarrhoea.

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4. FIRST AID MEASURES

Immediate medical attention:	Yes
Professional assistance from physician required?	Yes
Inhalation:	If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.
Skin Contact:	Wash skin as soon as possible with soap and water. Change contaminated clothing and launder before reuse.
Eye Contact:	Wash out immediately with large amounts of water. If redness and/or irritation continues get advice.
Ingestion:	Wash out with water and give water to drink (or milk if available) - get medical advice. Do not induce vomiting because of the danger of aspiration.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Dry powder, foam or water fog. For small fires use CO ₂ .
Unsuitable extinguishing media:	Water jets
Special fire fighting procedures:	Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Main consideration is to avoid FIRE. Note typical flash point 77°C. May cause slippery surfaces.
Methods of Cleaning:	Contain spillage. Do not wash spillage down drain. Absorb using absorbent clay, diatomaceous clay or other suitable absorbent.

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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7. HANDLING & STORAGE

Handling:	Keep skin contact to a minimum and ensure good hygiene standards. Where prolonged or repeated exposure is likely protective clothing should be worn including gloves (nitrile rubber or neoprene) and eye protection. Ensure good ventilation.
Storage:	Drums should be stored on racks preferably under cover, out of direct sunlight, in well ventilated conditions. Other types of container should be stored undercover out of direct sunlight, in well ventilated conditions. Care should be taken to avoid over-stacking.

8. EXPOSURE CONTROLS

Take measures to prevent:	N/a
Exposure control limits, and source:	Long term exposure limit (8hr TWA reference period) 1000mg m ³
Respiratory Protection:	Unlikely to be required in normal use but ensure good ventilation. It is suggested that exposure is kept within the Occupational Exposure Limits for vapours established by the Reciprocal Calculation Procedure for mixed exposures to hydrocarbon solvents in HSE Guidance Note EH40.
Hand Protection:	Not essential in normal use but recommended.
Eye Protection:	Is recommended at all times.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Liquid
Odour:	Mild
Colour:	Amber to dark tan
Flash Point:	>70°C (closed cup)
Setting Point:	<°C
Boiling Point:	205°C
Specific Gravity:	0.8 at 20°C approx.
Vapour Pressure:	0.15 Kpa at 20°C
Solubility in water:	1000g/litre at 20°C
pH	3 at 100g/litre in water
Ignition Temperature:	200°C

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10. STABILITY & REACTIVITY

Conditions to avoid:	Excess heat (flash point >70°C)
Materials to avoid:	Strong oxidizing agents.
Hazardous decomposition products:	Burning products carbon and sulphur oxides.

11. TOXICOLOGICAL INFORMATION

Skin:	Irritant and de-greasing effect.
Eyes:	Strong eye irritant.
Inhalation:	May cause headache, dizziness and action of nervous system may be depressed.
Ingestion:	Harmful may cause nausea vomiting and stomach pain.

12. ECOLOGICAL INFORMATION

Biodegradability:	>80% Biodegradability	
Aquatic toxicity:	Not known	
COD:	(settle) mg/L.02	2750
BOD:	(5 days total ATU) mg/L.02	>570

13. DISPOSAL CONSIDERATIONS

Likely residues / waste products:	
Safe handling of and residues/waste products:	Dispose in accordance with local authority regulations, incinerate through a licensed site.

14. TRANSPORT INFORMATION

Special carriage precautions in carriage:	
Classification data:	
UN Number:	
Proper Shipping Name:	
IMO - Sea:	
ICAO - Air:	
ADR - Road:	
Transport Category:	
Limited Quantity Size:	
Additional Data:	Not listed in any of the above.

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15. REGULATORY INFORMATION

Supply label information:	Harmful
Hazard Symbol:	Black St. Andrew cross on orange background.
Risk Phrases:	R65: Harmful, may cause lung damage if swallowed. R36: Irritating to eyes. R38: Irritating to skin.
Safety Phrases:	S2: Keep out of the reach of children S23: Do not breath vapour S24/25 Avoid contact with skin and eyes. S43: In case of fire use foam, dry powder, AAF, CO2 - Never use water. S62: If swallowed, do not induce vomiting, seek medical advice immediately an show this container.

16. OTHER INFORMATION

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| a) Training needs: | For further information contact our office. |
| b) Recommended uses and restrictions: | |
| c) Further references: | |
| d) Key data sources: | |

The data contained in this Safety Data Sheet has been supplied as required, by the Chemicals (Hazard Identification and Packaging) Regulations 1994, as amended, for the purposes of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person in your company, who is capable of acting on the information.

NOTE:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work regulations, or other Health & Safety at Work regulations.