

REVISION DATE: 13.03.06



SAFETY DATA SHEET

De Solv It ® Universal Stain Remover

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME De Solv It ® Universal Stain Remover
 PRODUCT NO. 4755, 4754
 APPLICATION Cleaning agent
 SUPPLIER Mykal Industries Ltd
 Farnsworth House, Morris Close,
 Park Farm Industrial Estate,
 Wellingborough, Northants, NN8 6XF
 Tel, 0044(0)1933 402822
 Fax, 0044(0)1933 402488
 e-mail, enquiries@mykal.co.uk

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Aliphatic Hydrocarbon	265-149-8	64742-47-8	30-60%	Xn;R65. R66.
Hydrocarbon Propellant		68476-85-7	30-60%	F+;R12.
Nonionic Surfactant		34398-01-1	5-10%	Xi;R36/38.
Orange Terpenes	232-433-8	8028-48-6	10-30%	Xn;R65. R10.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Proprietary blend of citrus oils and hydrocarbons(Benzene<0.1%)

3 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION F+;R12. R66.

ENVIRONMENT

The product is not expected to be hazardous to the environment.

PHYSICAL AND CHEMICAL HAZARDS

The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Get medical attention if any discomfort continues.

NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION

In case of persistent throat irritation or coughing: Seek medical attention and take along these instructions.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

SKIN CONTACT

Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

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De Solv It ® Universal Stain Remover**EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Take along these instructions.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Keep up-wind to avoid fumes. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition. May explode in a fire.

SPECIFIC HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

PROTECTIVE MEASURES IN FIRE

Use protective equipment appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Avoid inhalation of vapours and contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Collect in containers and seal securely. Clean contaminated area with oil-removing material. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Avoid eating, drinking and smoking when using the product.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Pressurised container: Must not be exposed for temperatures above 50°C. Store in a cool and well-ventilated place.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Orange Terpenes			800 mg/m3		
Aliphatic Hydrocarbon			1000 mg/m3		
Hydrocarbon Propellant		400 ppm		400 ppm	

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

RESPIRATORY EQUIPMENT

No specific recommendations.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Not relevant.

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De Solv It ® Universal Stain Remover**HYGIENE MEASURES**

Wash contaminated clothing before reuse. Wash hands after contact. Use appropriate hand lotion to prevent defatting and cracking of skin. Promptly remove non-impervious clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Hydrocarbon		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Miscible with water.		
BOILING POINT (°C)	180-239 760 mm Hg	MELTING POINT (°C)	N/A
RELATIVE DENSITY	0.8	VAPOUR DENSITY (air=1)	4.5@80C
VOLATILE BY VOL. (%)	Approx 90	VISCOSITY	1.97 mPas
FLASH POINT (°C)	-20 P/M Pensky-Martens.	AUTO IGNITION	180
FLAMMABILITY LIMIT - LOWER(%)	0.6	TEMPERATURE (°C)	
		FLAMMABILITY LIMIT - UPPER(%)	6.5

10 STABILITY AND REACTIVITY**STABILITY**

Avoid: Heat, sparks, flames. Contact with peroxides.

CONDITIONS TO AVOID

Avoid contact with acids. Avoid exposing to heat and contact with strong oxidising substances.

MATERIALS TO AVOID

Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION**TOXICOLOGICAL INFORMATION**

No data recorded.

GENERAL INFORMATION

This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION

Not relevant at normal room temperatures. When heated, irritating vapours may be formed.

INGESTION

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

EYE CONTACT

Splashes may irritate.

HEALTH WARNINGS

This product has low toxicity. Only large volumes may have adverse impact on human health.

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

ROUTE OF ENTRY

Skin and/or eye contact.

TARGET ORGANS

No specific target organs noted.

MEDICAL SYMPTOMS

No specific symptoms noted.

MEDICAL CONSIDERATIONS

Avoid vomiting and normal rinse of stomach because of risk of aspiration.

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12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment.

MOBILITY

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

BIOACCUMULATION

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

DEGRADABILITY

The product is slowly degradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

WATER HAZARD CLASSIFICATION

WGK 1

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

Contact specialist disposal companies. Do not allow runoff to sewer, waterway or ground. INCINERATE.

14 TRANSPORT INFORMATION**GENERAL**

Tariff code 2901 1000

**UK ROAD CLASS**

2 Label code 2.1

PROPER SHIPPING NAME

AEROSOLS

UN NO. ROAD

1950

UK ROAD PACK GR.

N/A

ADR CLASS NO.

2

ADR PACK GROUP

N/A

ADR LABEL NO.

2.1

CEFIC TEC(R) NO.

20G5F

RID CLASS NO.

2

RID PACK GROUP

N/A

UN NO. SEA

1950

IMDG CLASS

2

IMDG PACK GR.

III

EMS

F-D, S-U

MFAG

See Guide

MARINE POLLUTANT

No.

UN NO. AIR

1950

AIR CLASS

2.1

AIR PACK GR.

N/A

15 REGULATORY INFORMATION**LABELLING**

Extremely Flammable

RISK PHRASES

R12

Extremely flammable.

R66

Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

A1

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

16 OTHER INFORMATION

GENERAL INFORMATION

De Solv It ® is the registered trademark of the Orange Sol Group of Companies Ltd

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SAFETY DATA SHEET STATUS

Approved.

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RISK PHRASES IN FULL

R10	Flammable.
R12	Extremely flammable.
R36/38	Irritating to eyes and skin.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.