

REVISION DATE: 14.05.10



SAFETY DATA SHEET

De Solv It ® Performance Degreaser Plus

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	De Solv It ® Performance Degreaser Plus
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
PRODUCT NO.	61023, 61024, 61025
INTERNAL ID	E0466
APPLICATION	Water Rinseable Solvent Cleaner
CONTAINER SIZE	5 litres to 200 litres drums

2 HAZARDS IDENTIFICATION

Irritating to eyes. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

CLASSIFICATION (1999/45) Xn;R65. Xi;R36. R66.

HUMAN HEALTH

The hazardous properties of the product are considered limited. May cause minor irritation on skin contact. Splashes in the eyes may cause redness and irritation. Prolonged skin contact may cause redness and irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Aliphatic Hydrocarbon	265-149-8	64742-47-8	60-100%	Xn;R65. R66.
Fatty Alcohol Ethoxylate		68439-45-2	5-10%	Xi;R41.
Glycol Ether	225-878-4	005131-66-8	5-10%	Xi;R36/38.
Orange Terpenes	232-433-8	8028-48-6	10-30%	Xn;R65. R10.
TETRAHYDROFURFURYL ALCOHOL	202-625-6	97-99-4	1-5%	Xi;R36

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

COMPOSITION COMMENTS

The product contains organic solvents.

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

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring 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 bring along 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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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. Bring 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.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition.

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

Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Stop leak if possible without risk. 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. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

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. Store in a cool and well-ventilated place.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Aliphatic Hydrocarbon		1200 mg/m ³	No std.	
Orange Terpenes		800 mg/m ³		

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 recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

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

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ODOUR	Hydrocarbon		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Miscible with water		
BOILING POINT (°C)	171-255 760 mm Hg	MELTING POINT (°C)	N/A
RELATIVE DENSITY	0.84	VAPOUR DENSITY (air=1)	4.5@80C
VOLATILE BY VOL. (%)	Approx 95%	VISCOSITY	2.0 mPas
FLASH POINT (°C)	63 P/M Pensky-Martens.	AUTO IGNITION	195
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

Irritating to eyes.

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.

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

The product does not contain any substances expected to be bioaccumulating.

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.

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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

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Tariff code 2901 1000

No transport warning sign required.

ADR CLASS

N/A.

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

Aliphatic Hydrocarbon

Orange Terpenes

RISK PHRASES

R36 Irritating to eyes.
 R65 Harmful: may cause lung damage if swallowed.
 R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 S37 Wear suitable gloves.
 S46 If swallowed, seek medical advice immediately and show this container or label.

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

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SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R10 Flammable.
 R65 Harmful: may cause lung damage if swallowed.
 R36/38 Irritating to eyes and skin.
 R36 Irritating to eyes.
 R66 Repeated exposure may cause skin dryness or cracking.
 R41 Risk of serious damage to eyes.

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.