



SAFETY DATA SHEET

De Solv It @ High Performance Degreaser

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

PRODUCT NAME	De Solv It @ High Performance Degreaser
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.	61003, 61004, 61005, 61058
INTERNAL ID	DS 1000
APPLICATION	Cleaning agent
CONTAINER SIZE	1 litre to 1000 litres

2 HAZARDS IDENTIFICATION

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

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

ENVIRONMENT

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

HUMAN HEALTH

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

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.
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

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 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.

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.

REVISION DATE: 06.05.10

De Solv It ® High Performance Degreaser

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. Take precautionary measures against static discharges. 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. 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. 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

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

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.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

OTHER PROTECTION

Wear rubber apron.

REVISION DATE: 06.05.10

De Solv It ® High Performance Degreaser**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.

SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Hydrocarbon		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Insoluble in 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. (%)	100	VISCOSITY	1.97 mPas
FLASH POINT (°C)	67 P/M Pensky-Martens.	AUTO IGNITION TEMPERATURE (°C)	180
FLAMMABILITY LIMIT - LOWER(%)	0.6	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.

Name	Aliphatic Hydrocarbon
Toxic Dose 1 - LD 50	>15000 mg/kg (oral rat)

12 ECOLOGICAL INFORMATION

REVISION DATE: 06.05.10

De Solv It ® High Performance Degreaser**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.

WATER HAZARD CLASSIFICATION**WGK 1**

Name	Aliphatic Hydrocarbon
Ecotoxicity	
The product is not expected to be hazardous to the environment.	
Mobility	
The product is insoluble in water and will spread on the water surface.	
Bioaccumulation potential	
The product is not bioaccumulating.	
Degradability	
The product is easily biodegradable.	
Acute Fish Toxicity	
Not considered toxic to fish.	

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

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

SAFETY PHRASES

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S37 Wear suitable gloves.

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

REVISION DATE: 06.05.10

De Solv It ® High Performance Degreaser

GENERAL INFORMATION

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

REVISION DATE 06.05.10

SAFETY DATA SHEET STATUS

Approved.

RISK PHRASES IN FULL

R10	Flammable.
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.