



**SAFETY DATA SHEET**  
**De Solv It ® High Performance Degreaser**  
**CP0871 v1.4 RS 434-9090**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name De Solv It ® High Performance Degreaser  
 Product No. 61003, 61004, 61005, 61058  
 Internal Id DS 1000  
 Container size 1 litre to 1000 litres

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Identified uses Cleaning agent.

**1.3. Details of the supplier of the safety data sheet**

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

Supplied by: <b>RS Components Ltd,</b> Birchington Road, Corby, Northants, NN17 9RS. Tel: +44 (0) 1536 402888 (8am to 8pm) Email: technical.help@rs-components.com
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**1.4. Emergency telephone number**

+44(0)1933 402822 Mon- Thurs 09.00-17.00, Fri 09.00-15.00

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

Classification (1999/45/EEC) Xn;R65. R43. N;R51/53. R66.  
 Human health  
 Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.  
 Environment  
 Contains a substance which causes risk of hazardous effects to the environment.  
 Physical and Chemical Hazards  
 Vapours are heavier than air and may travel along the floor and in the bottom of containers.

**2.2. Label elements**

Contains Aliphatic Hydrocarbon  
 Orange Terpenes

Labelling



Harmful



Dangerous for the environment

Risk Phrases

R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Safety Phrases

S24	Avoid contact with skin.
S37	Wear suitable gloves.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
S2	Keep out of the reach of children.

**2.3. Other hazards**

**CP0871 v1.4 RS 434-9090**  
**De Solv It ® High Performance Degreaser**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

Aliphatic Hydrocarbon	60-100%
CAS-No.: 64742-47-8	EC No.: 265-149-8
Classification (EC 1272/2008) EUH066 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R66.
Orange Terpenes	10-30%
CAS-No.: 8028-48-6	EC No.:
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) Xn;R65. Xi;R38. N;R50/53. R10,R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

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

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

General information

Get medical attention if any discomfort continues.

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.

**4.2. Most important symptoms and effects, both acute and delayed**

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation.

This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

Eye contact

May cause temporary eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

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!

**SECTION 5: FIREFIGHTING MEASURES**

**CP0871 v1.4 RS 434-9090**  
**De Solv It ® High Performance Degreaser**

### **5.1. Extinguishing media**

Extinguishing media

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

### **5.2. Special hazards arising from the substance or mixture**

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.

### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. Keep up-wind to avoid fumes.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Use protective gloves, goggles and suitable protective clothing. Take precautionary measures against static discharges. Avoid inhalation of vapours and contact with skin and eyes.

### **6.2. 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.

### **6.3. Methods and material for containment and cleaning up**

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.

### **6.4. Reference to other sections**

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

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.

### **7.2. Conditions for safe storage, including any incompatibilities**

Keep away from heat, sparks and open flame. Store in a cool and well-ventilated place.

Storage Class

Chemical storage.

### **7.3. Specific end use(s)**

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Name	STD	TWA - 8 Hrs	STEL - 15 Min	Notes
Aliphatic Hydrocarbon			1200 mg/m3	

Ingredient Comments

WEL = Workplace Exposure Limits

### **8.2. Exposure controls**

Protective equipment



# CP0871 v1.4 RS 434-9090

## De Solv It ® High Performance Degreaser

### 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.

### 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.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Clear liquid.
Colour	Colourless.
Odour	Hydrocarbon.
Solubility	Insoluble in water
Initial boiling point and boiling range	180-239 760 mm Hg
Melting point (°C)	N/A
Relative density	0.8
Vapour density (air=1)	4.5@80C
Viscosity	1.97 mPas
Flash point	67 P/M Pensky-Martens.
Auto Ignition Temperature (°C)	180
Flammability Limit - Lower(%)	0.6
Flammability Limit - Upper(%)	6.5

### 9.2. Other information

Volatility Description	Volatile
Volatile By Vol. (%)	100
Volatile Organic Compound (VOC)	704 g/litre

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

### 10.2. Chemical stability

Avoid Heat, sparks, flames. Contact with peroxides.

### 10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

### 10.6. Hazardous decomposition products

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

## SECTION 11: TOXICOLOGICAL INFORMATION

**CP0871 v1.4 RS 434-9090**  
**De Solv It ® High Performance Degreaser**

### **11.1. Information on toxicological effects**

#### Toxicological information

No data recorded.

#### Other Health Effects

This substance has no evidence of carcinogenic properties.

#### 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.

#### 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.

#### Toxicological information on ingredients.

#### **Aliphatic Hydrocarbon (CAS: 64742-47-8)**

Toxic Dose 1 - LD 50

>15000 mg/kg (oral rat)

## **SECTION 12: ECOLOGICAL INFORMATION**

#### Ecotoxicity

The product contains a substance which is harmful to aquatic organisms.

#### Ecological information on ingredients.

#### **Aliphatic Hydrocarbon (CAS: 64742-47-8)**

Ecotoxicity

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

### **12.1. Toxicity**

#### Ecological information on ingredients.

#### **Aliphatic Hydrocarbon (CAS: 64742-47-8)**

Acute Fish Toxicity

Not considered toxic to fish.

### **12.2. Persistence and degradability**

#### Degradability

The product is slowly degradable.



**CP0871 v1.4 RS 434-9090**  
**De Solv It ® High Performance Degreaser**

**14.4. Packing group**

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant



**14.6. Special precautions for user**

EMS	F-A, S-F
Emergency Action Code	.3Z
Hazard No. (ADR)	90 Environmentally hazardous substance; Miscellaneous dangerous substances
Tunnel Restriction Code	(E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Water hazard classification

WGK 2

**15.2. Chemical Safety Assessment**

**SECTION 16: OTHER INFORMATION**

General information

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

Revision Date 01.04.12

Safety Data Sheet Status Approved.

Risk Phrases In Full

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**CP0871 v1.4 RS 434-9090**  
**De Solv It ® High Performance Degreaser**

Hazard Statements In Full

H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

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.