



SAFETY DATA SHEET
De Solv It ® Aqueous Degreaser
CP1285 v1.2 RS 203-0738, 263-8095

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

1.1. Product identifier

Product name De Solv It ® Aqueous Degreaser
 Product No. 67110, 67132, 67191
 Internal Id DSI 3000
 Container size 5 litres to 200 litres drums

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

Identified uses General Cleaning and Degreasing

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:
RS Components Ltd,
 Birchington Road, Corby, Northants, NN17 9RS.
 Tel: +44 (0) 1536 402888 (8am to 8pm)
 Email: technical.help@rs-components.com

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) Xi;R36. R43. N;R51/53.

Human health

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

Environment

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

Physical and Chemical Hazards

When handled correctly, undamaged units represent no danger.

2.2. Label elements

Contains Orange Terpenes

Labelling



Irritant



Dangerous for the environment

Risk Phrases

R36

Irritating to eyes.

R43

May cause sensitisation by skin contact.

R51/53

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37

Wear suitable gloves.

S62

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

EDTA tetra sodium salt	1-5%
CAS-No.: 64-02-8	EC No.: 200-573-9
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R38,R41.
Fatty Alcohol Ethoxylate	5-10%
CAS-No.: 68439-45-2	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R41.
Orange Terpenes	5-10%
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 Surfactants

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

General information

Get medical attention if any discomfort continues.

Inhalation

Move into fresh air and keep at rest.

Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water.

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**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**5.1. Extinguishing media**

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Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

When heated and in case of fire, irritating vapours/gases may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Ventilate closed spaces before entering them.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes and prolonged skin contact. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Do not discharge onto the ground or into water courses.

6.3. Methods and material for containment and cleaning up

Absorb with inert, damp, non-combustible material, then flush area with water.

6.4. Reference to other sections**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

Follow instructions and ensure correct dilution of this product before use.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

Storage Class

Chemical storage.

7.3. Specific end use(s)**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

No particular ventilation requirements.

Respiratory equipment

In case of inadequate ventilation use suitable respirator.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

De Solv It® Aqueous Degreaser

Hygiene measures

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, yellowish liquid.
Colour	Yellow.
Odour	Pleasant, agreeable.
Solubility	Soluble in water.
Initial boiling point and boiling range	94-194
Melting point (°C)	-5
Relative density	1
pH-Value, Conc. Solution	9.5
Flash point	N/A
Comments	Information given concerns the concentrated solution.

9.2. Other information

Volatility Description	Volatile
Volatile By Vol. (%)	Approx 80%

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid contact with strong oxidisers.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Strong acids.

10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Gastrointestinal symptoms, including upset stomach.

CP1285 v1.2 RS 203-0738, 263-8095**De Solv It® Aqueous Degreaser****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.

Route of entry

Skin and/or eye contact.

Target Organs

No specific target organs noted

Medical Symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Medical Considerations

Pre-existing eye problems.

Specific effects

Risk of long-term effects is considered to be minimal from exposure to concentrations below the level of OEL.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

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

12.1. Toxicity**12.2. Persistence and degradability****Degradability**

The product is biodegradable. 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.

12.3. Bioaccumulative potential**Bioaccumulative potential**

No data available on bioaccumulation.

12.4. Mobility in soil**Mobility:**

The product is soluble in water.

12.5. Results of PBT and vPvB assessment**12.6. Other adverse effects****SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION**General**

Tariff Code 3402 9010

14.1. UN number

UN No. (ADR/RID/ADN)

3082

UN No. (IMDG)

3082

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UN No. (ICAO) 3082

14.2. UN proper shipping name

Proper Shipping Name Environmentally Hazardous Substance, Liquid (Contains orange terpenes)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 9

ADR/RID/ADN Class Class 9: Miscellaneous dangerous substances and articles.

IMDG Class 9

ICAO Class/Division 9

Transport Labels

**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**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing

Control of Pollution (Special Waste Regulations) Act 1980.

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.

EU Legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

De Solv It® Aqueous Degreaser

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.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
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.

Hazard Statements In Full

H319	Causes serious eye irritation.
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.
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.