

SAFETY DATA SHEET

De Solv It ® Fast Dry Precision Cleaner Aerosol

CP0262 v2.4 RS 203-0716

RS REACH v2 revision date 01/04/12

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

1.1. Product identifier

Product Name De Solv It ® Fast Dry Precision Cleaner Aerosol
 Product No. 67103
 Internal Id DS1000FD
 Container Size 400ml Aerosol

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:
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) R43. F+;R12. N;R51/53. R66.

Human Health

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

Environment

Contains a substance which causes risk of hazardous effects 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.

2.2. Label elements

Contains: Orange Terpenes

Labelling



Irritant



Extremely Flammable



Dangerous for the environment

Risk Phrases

R12 Extremely flammable.
 R43 May cause sensitisation by skin contact.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R66 Repeated exposure may cause skin dryness or cracking.

Safety Phrases

A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 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.
 S24 Avoid contact with skin.
 S37 Wear suitable gloves.

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S51

Use only in well-ventilated areas.

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

Aliphatic Hydrocarbon	60-100%
CAS-No.: 64742-48-9	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R65. R10,R66.
Hydrocarbon Propellant	30-60%
CAS-No.: 68476-85-7	EC No.: 270-704-2
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) F+;R12.
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 is 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

Inhalation.

Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation.

Skin Contact

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

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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

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. 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.

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. Cool containers exposed to flames with water until well after the fire is out.

Protective Measures In Fire

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. Pressurised container: Must not be exposed to temperatures above 50°C. 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	OES		1000 mg/m ³			
Hydrocarbon Propellant	WEL	1000 ppm		1250 ppm		

WEL = Workplace Exposure Limit.

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Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

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. Nitrile gloves are recommended.

Eye Protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

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.

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:	160-200 760 mm Hg
Melting Point (°C)	N/A
Relative Density	0.78
Vapour Density (Air=1)	4.0@80C
Viscosity	1.4 mPas
Flash Point (°C)	-20 P/M Pensky-Martens.
Auto Ignition Temperature (°C)	190
Flammability Limit - Lower(%)	0.5
Flammability Limit - Upper(%)	6.6
Comments	Dielectric strength 30000volts

9.2. Other information

Volatility Description	Volatile.
Volatile By Vol. (%)	100

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

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

11.1. Information on toxicological effects

Toxicological Information

No data recorded.

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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.

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 slowly degradable.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

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

12.4. Mobility in soil

Mobility:

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

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 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.

13.1. Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION

General

Tariff Code 2710 1211

14.1. UN number

UN No. (ADR/RID/ADN) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

14.2 UN Proper shipping name

Proper Shipping Name Aerosols (Contains Orange Terpenes)

De Solv It ® Fast Dry Precision Cleaner Aerosol

Proper Shipping Name AEROSOLS

14.3 Transport hazard class(es)

ADR/RID/ADN Class 2
 ADR Label No. 2.1
 IMDG Class 2.1
 ICAO Class/Division 2.1
 Transport Labels

**14.4. Packing group**

ADR/RID/ADN Packing group N/A
 ICAO Packing group N/A

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

**14.6. Special precautions for user**

Tunnel Restriction Code (D)

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

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

R12 Extremely flammable.
 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.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.
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.