

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

· Trade name: **De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)**

· Article number: UK5-7038

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

· Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· Application of the substance / the preparation Cleaning wipe

1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

Mykal Industries Limited

Tanhouse Lane

Widnes Cheshire

WA8 0RR

Tel: 0151-422 1180

Fax: 0151-422 1011

enquiries@mykal.co.uk

www.mykal.co.uk

· Further information obtainable from:

Customer Service

Tel: 0151-422 1180 Fax: 0151-422 1011

· 1.4 Emergency telephone number: Tel: 0151-422 1180

2 Hazards identification

2.1 Classification of the substance or mixture

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xi; Sensitising

R43: May cause sensitisation by skin contact.



N; Dangerous for the environment

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.

· Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

· Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements

· Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Observe the general safety regulations when handling chemicals.

· Code letter and hazard designation of product:



Xi Irritant

N Dangerous for the environment

· Hazard-determining components of labelling:

Orange terpenes

· Risk phrases:

43 May cause sensitisation by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

· Safety phrases:

2 Keep out of the reach of children.

23 Do not breathe vapour.

24 Avoid contact with skin.

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)

(Contd. of page 1)

- 37 Wear suitable gloves.
- 51 Use only in well-ventilated areas.
- 56 Dispose of this material and its container to hazardous or special waste collection point.
- 57 Use appropriate container to avoid environmental contamination.
- 60 This material and its container must be disposed of as hazardous waste.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

EC number: 926-141-6	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics Xn R65 R66	75-100%
CAS: 8008-57-9 EINECS: 232-433-8	Orange terpenes Xn R65 Xi R38 Xi R43 N R50/53 R10	10-25%

- **Additional information; Ingrediënts according to detergents guideline EEC 89/542:**
For the wording of the listed risk phrases refer to section 16.

Aliphatic hydrocarbons	≥ 30%
essential oils	5 - 15%
preservation agents	< 5%

4 First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:** Ensure adequate ventilation.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)

(Contd. of page 2)

See Section 13 for disposal information.

7 Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics (75-100%)

OEL (Great Britain)	Short-term value: - mg/m ³ , - ppm
	Long-term value: 1200 mg/m ³ , 161 ppm

- **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Do not inhale gases / fumes / aerosols.

- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protection of hands:**



Protective gloves



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

- **Not suitable are gloves made of the following materials:** Strong material gloves

- **Eye protection:** Not required.

9 Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Liquid impregnated wipes
Colour:	White

(Contd. on page 4)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)

(Contd. of page 3)

· Odour:	Citrus
· pH-value:	Not applicable.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	180°C
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not determined.
· Ignition temperature:	230°C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.6 Vol %
Upper:	6.0 Vol %
· Vapour pressure at 20°C:	0.1 hPa
· Density at 20°C:	0.8 g/cm ³
· Vapour density	Not applicable.
· Evaporation rate	Not applicable.
· Solubility in / Miscibility with water:	Insoluble.
· Segregation coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
Organic solvents:	87.6 %
· 9.2 Other information	No further relevant information available.

10 Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Oral	LD50	>5000 mg/kg (Rat) (OECD 401)
Dermal	LD50	>5000 mg/kg (Rabbit) (OECD 402 (24 h))
Inhalative	LC50/ 8 h	>5000 mg/m ³ (Rat) (OECD 403)

128-37-0 2,6-di-tert-butyl-p-cresol

Oral	LD50	890 mg/kg (Rat)
------	------	-----------------

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)

(Contd. of page 4)

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

EL50 (48 h) >1000 mg/l (Daphnia magna (water flea)) (OECD 202)

OECD test 301 F 69 % (biodegradation in % after 28 days)

Readily Biodegradable

· **12.2 Persistence and degradability** No further relevant information available.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Ecotoxicological effects:**

· **Remark:** Toxic for fish

· **Additional ecological information:**

· **General notes:**

Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation** Must not be disposed together with household waste. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **14.1 UN-Number**

· **ADR, IMDG, IATA**

UN3077

· **14.2 UN proper shipping name**

· **ADR**

3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
(Orange terpenes)

· **IMDG**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Orange terpenes), MARINE POLLUTANT

· **IATA**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Orange terpenes)

· **14.3 Transport hazard class(es)**

· **ADR**



· **Class**

9 (M7) Miscellaneous dangerous substances and articles.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: **De-Solv-It® Electrical & Cable Cleaner Wipes (DSI 5000ECW)**

(Contd. of page 5)

· **Label** 9· **IMDG, IATA**· **Class** 9 Miscellaneous dangerous substances and articles.· **Label** 9· **14.4 Packing group**
· **ADR, IMDG, IATA** III· **14.5 Environmental hazards:** Product contains environmentally hazardous substances: Orange terpenes· **Marine pollutant:** Yes
Symbol (fish and tree)· **Special marking (ADR):** Symbol (fish and tree)· **Special marking (IATA):** Symbol (fish and tree)· **14.6 Special precautions for user** Warning: Miscellaneous dangerous substances and articles.· **Danger code (Kemler):** 90· **EMS Number:** F-A,S-F· **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.· **Transport/Additional information:**· **ADR**· **Limited quantities (LQ)** 5 kg· **Transport category** 3· **Tunnel restriction code** E

15 Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
Observe the general safety regulations when handling chemicals.

· **Code letter and hazard designation of product:**

Xi Irritant

N Dangerous for the environment

· **Hazard-determining components of labelling:**

Orange terpenes

· **Risk phrases:**

43 May cause sensitisation by skin contact.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking.

· **Safety phrases:**

2 Keep out of the reach of children.

23 Do not breathe vapour.

24 Avoid contact with skin.

37 Wear suitable gloves.

51 Use only in well-ventilated areas.

56 Dispose of this material and its container to hazardous or special waste collection point.

57 Use appropriate container to avoid environmental contamination.

60 This material and its container must be disposed of as hazardous waste.

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 17.07.2013

Version: 6

Revision: 17.07.2013

Trade name: De-Solv-It ® Electrical & Cable Cleaner Wipes (DSI 5000ECW)

(Contd. of page 6)

- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
NK	75-100

- **Waterhazard class: Water danger class 3 (Self-assessment): extremely hazardous for water.**

- **15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

R10 Flammable.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very 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.

- **Department issuing MSDS:**

Customer Services

Tel: 0151-422 1180

Fax: 0151-422 1011

- **Contact:**

Customer Service

Tel: 0151-422 1180

Fax: 0151-422 1011

enquiries@mykal.co.uk

- *** Data compared to the previous version altered.**