

REVISION DATE: 14.05.10



SAFETY DATA SHEET

De Solv It® Aqueous Degreaser Plus

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

PRODUCT NAME De Solv It® Aqueous Degreaser Plus

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PRODUCT NO. 63023, 63024, 63025

INTERNAL ID DSI 3000E (E0526)

APPLICATION Ink , Adhesive And Resin Removal

CONTAINER SIZE 5 litres to 200 litres drums

2 HAZARDS IDENTIFICATION

Irritating to eyes.

CLASSIFICATION (1999/45) Xi;R36.

ENVIRONMENT

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

PHYSICAL AND CHEMICAL HAZARDS

When handled correctly, undamaged units represent no danger.

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.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
EDTA tetra sodium salt	200-573-9	64-02-8	1-5%	Xn;R22. Xi;R38,R41.
Fatty Alcohol Ethoxylate		68439-45-2	1-5%	Xn;R22. Xi;R41.
Glycol Ether	225-878-4	005131-66-8	10-30%	Xi;R36/38.
Orange Terpenes	232-433-8	8028-48-6	5-10%	Xn;R65. R10.
TETRAHYDROFURFURYL ALCOHOL	202-625-6	97-99-4	1-5%	Xi;R36

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Proprietary Blend of Citrus Oils and Surfactants

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

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.

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De Solv It® Aqueous Degreaser Plus**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.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

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

SPECIAL FIRE FIGHTING PROCEDURES

Ventilate closed spaces before entering them.

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.

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

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

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses.

SPILL CLEAN UP METHODS

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

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

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

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
Orange Terpenes		800 mg/m ³		

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

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

Nitrile gloves are recommended.

EYE PROTECTION

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

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De Solv It® Aqueous Degreaser Plus**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

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, yellowish liquid		
COLOUR	Yellow		
ODOUR	Pleasant, agreeable.		
PHYSICAL DATA COMMENTS	Information given concerns the concentrated solution.		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	95-228	MELTING POINT (°C)	-5
RELATIVE DENSITY	1	VOLATILE BY VOL. (%)	Approx 80%
pH-VALUE, CONC. SOLUTION	9-10	FLASH POINT (°C)	N/A

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid contact with strong oxidisers.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

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

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

Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin.

EYE CONTACT

Irritating to eyes.

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, 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.

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De Solv It® Aqueous Degreaser Plus**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

MOBILITY

The product is soluble in water.

BIOACCUMULATION

No data available on bioaccumulation.

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.

WATER HAZARD CLASSIFICATION

WGK 1

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). Tariff Code 3402 9010

15 REGULATORY INFORMATION**LABELLING**

Irritant

RISK PHRASES

R36 Irritating to eyes.

SAFETY PHRASES

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

ENVIRONMENTAL LISTING

Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

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

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

NATIONAL REGULATIONS

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

16 OTHER INFORMATION**GENERAL INFORMATION**

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

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SAFETY DATA SHEET STATUS

Approved.

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De Solv It ® Aqueous Degreaser Plus

RISK PHRASES IN FULL

R10	Flammable.
R22	Harmful if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.

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.