



## SAFETY DATA SHEET TARDIS

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

PRODUCT NAME	TARDIS
PRODUCT NO.	023
APPLICATION	Cleaning agent
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### 2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation and in contact with skin. Harmful: may cause lung damage if swallowed. Irritating to skin.

CLASSIFICATION Xn;R20/21, R65. Xi;R38. R10.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
IOSPROPYLAMINE DODECYLBENZENE SULPHONATE		26264-05-1	1-5%	Xi;R38,R41.
WHITE SPIRIT	265-150-3	64742-48-9	30-60%	Xn;R65. R10,R66.
XYLENE	215-535-7	1330-20-7	30-60%	R10 Xn;R20/21 Xi;R38

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

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. For breathing difficulties oxygen may be necessary. If breathing stops, provide artificial respiration. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. Carbon dioxide (CO2).

**TARDIS****SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

**PROTECTIVE MEASURES IN FIRE**

Wear full protective clothing.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

For personal protection, see section 8.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not contaminate water sources or sewer. Clean-up personnel should use respiratory and/or liquid contact protection.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. During application and drying, solvent vapours will be emitted.

**STORAGE PRECAUTIONS**

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
WHITE SPIRIT	WEL		1000 mg/m3		
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****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**

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

**HAND PROTECTION**

Protective gloves should be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

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

**OTHER PROTECTION**

Provide eyewash station.

**TARDIS****HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear Liquid		
COLOUR	Clear		
ODOUR	Solvent.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	ca 135	MELTING POINT (°C)	< -20
RELATIVE DENSITY	ca 0.815 (20°C)	VAPOUR DENSITY (air=1)	> 1
EVAPORATION RATE	< 1 BuAc=1	FLASH POINT (°C)	ca 25 CC (Closed cup).
VOLATILE ORGANIC COMPOUND (VOC)	798 g/litre		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No data recorded.

**GENERAL INFORMATION**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**INHALATION**

Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Harmful: may cause lung damage if swallowed.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

**Other Health Effects**

This substance has no evidence of carcinogenic properties.

**ROUTE OF ENTRY**

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

**TARGET ORGANS**

Blood. Central nervous system. Eyes. Gastro-intestinal tract. Kidneys. Liver. Respiratory system, lungs.

**MEDICAL SYMPTOMS**

Skin contact may cause: Skin irritation. Allergic rash. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Irritation of eyes and mucous membranes. Ingestion may cause: Severe abdominal pain. Nausea, vomiting. If swallowed, especially in large quantities: Unconsciousness, possibly death.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

No negative effects on the aquatic environment are known.

**TARDIS****DEGRADABILITY**

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.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket.

**DISPOSAL METHODS**

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (WHITE SPIRIT, XYLENE)		
UN NO. ROAD	1993	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3YE
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	95 (vol 2)
IMDG PACK GR.	III	EMS	F-E, S-E
MARINE POLLUTANT	No.	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	III

**15 REGULATORY INFORMATION****LABELLING**

Harmful

CONTAINS WHITE SPIRIT  
XYLENE

**RISK PHRASES**

R10	Flammable.
R38	Irritating to skin.
R20/21	Harmful by inhalation and in contact with skin.
R65	Harmful: may cause lung damage if swallowed.

**SAFETY PHRASES**

S24	Avoid contact with skin.
S23	Do not breathe vapour/spray.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

**TARDIS**

S62

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

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

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**16 OTHER INFORMATION**

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## GENERAL INFORMATION

This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

Only trained personnel should use this material.

REVISION DATE 31/08/2007

REV. NO./REPL. SDS GENERATED 3

## RISK PHRASES IN FULL

R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

## 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.