

## SAFETY DATA SHEET PERMAGARD DEMOISTURISER

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

PRODUCT NAME PERMAGARD DEMOISTURISER  
 PRODUCT NO. EEPE200/400H  
 SUPPLIER ELECTROLUBE. A division of HK  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HYDROCARBON DISTILLATE	265-185-4	64742-82-1	60-100%	Xn;R65. N;R51/53. R10,R66.

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

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

### 3 HAZARDS IDENTIFICATION

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

CLASSIFICATION N;R51/53. R10.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention.

#### INGESTION

Immediately rinse mouth and provide fresh air.

#### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### 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

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

#### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

#### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**PERMAGARD DEMOISTURISER**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
HYDROCARBON DISTILLATE	WEL		600 mg/m3		

**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

**RESPIRATORY EQUIPMENT**

In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment.

**HAND PROTECTION**

Use suitable protective gloves if risk of skin contact. 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**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENE MEASURES**

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

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol Liquid		
COLOUR	Brown		
ODOUR	Characteristic		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	150	RELATIVE DENSITY	0.890 @ 20 °c
VAPOUR PRESSURE	0.32 kPa @ 20 °c	FLASH POINT (°C)	39 CC (Closed cup).
AUTO IGNITION TEMPERATURE (°C)	> 250	FLAMMABILITY LIMIT - LOWER(%)	0.6
FLAMMABILITY LIMIT - UPPER(%)	8.0		

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

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

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

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

Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SKIN CONTACT**

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Irritating to eyes.

**Other Health Effects**

This substance has no evidence of carcinogenic properties.

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

Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Empty containers must not be burned because of explosion hazard.

**14 TRANSPORT INFORMATION**

**PERMAGARD DEMOISTURISER**



UK ROAD CLASS	2.1		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	Not Applicable
ADR CLASS NO.	2.1	ADR CLASS	Class 2.1: Flammable gases.
ADR PACK GROUP	Not Applicable	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2.1
RID PACK GROUP	Not Applicable	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PACK GR.	Not Applicable
EMS	F-D; S-U	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1950
ICAO CLASS	2.1	AIR PACK GR.	Not Applicable

**15 REGULATORY INFORMATION**

**LABELLING**



Dangerous for the environment

**RISK PHRASES**

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

S51	Use only in well-ventilated areas.
A1	Pressurised 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

**UK REGULATORY REFERENCES**

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

**ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

**EU DIRECTIVES**

System of specific information relating to Dangerous Preparations. 2001/58/EEC. Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

**GENERAL INFORMATION**

CN No 34039990

**REVISION COMMENTS**

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

**ISSUED BY**

Helen O'Reilly

**REVISION DATE**

SEPTEMBER 2005

**REV. NO./REPL. SDS GENERATED**

1

**SDS NO.**

11428

## PERMAGARD DEMOISTURISER

### RISK PHRASES IN FULL

R10	Flammable.
R51/53	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.

### 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.