

## SAFETY DATA SHEET FREEWAY

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

PRODUCT NAME                    FREEWAY  
 PRODUCT NO.                    H3709  
 APPLICATION                    PENETRATING & RELEASING AGENT  
 SUPPLIER                        ORAPI APPLIED LIMITED,  
                                       SPRING ROAD,  
                                       SMETHWICK,  
                                       WEST MIDLANDS, B66 1PT,  
                                       ENGLAND  
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 EMERGENCY TELEPHONE        0121 525 4000 (09:00 - 17:00 hrs)

### 2 HAZARDS IDENTIFICATION

Repeated exposure may cause skin dryness or cracking. Harmful: may cause lung damage if swallowed.

CLASSIFICATION                Xn;R65. R66.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT		64742-47-8	60-100%	Xn;R65. R66.
ISOPROPYLAMINE BENZENE SULPHONATE	271-531-5	68584-24-7	1-5%	Xn;R22. Xi;R38,R41.
MINERAL OIL	265-090-8	64741-88-4	10-30%	-

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

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

If medical attention is required present a copy of this datasheet to the physician.

#### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

#### SKIN CONTACT

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

#### EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### SPECIAL FIRE FIGHTING PROCEDURES

Use water SPRAY only to cool containers! Do not put water on leaked material. Move container from fire area if it can be done without risk.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

#### SPECIFIC HAZARDS

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Sulphurous gases (SO<sub>x</sub>).

## FREEWAY

**PROTECTIVE MEASURES IN FIRE**

Wear breathing apparatus

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### 6 ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS**

Wear protective clothing when dealing with spillages. Avoid breathing vapours.

**ENVIRONMENTAL PRECAUTIONS**

Prevent products access into water courses. Notify authorities if large amounts of the material have entered a watercourse.

**SPILL CLEAN UP METHODS**

Collect with non-combustible absorbent material. Flush with water. Dike for large spills. Inform Authorities if large amounts are involved.

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### 7 HANDLING AND STORAGE

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**USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Do not use in confined spaces without adequate ventilation and/or respirator. Provide good ventilation. Product can release vapour that can form flammable mixtures upon heating above the flash point.

**STORAGE PRECAUTIONS**

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

**STORAGE CLASS**

Chemical storage.

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### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
MINERAL OIL	WEL		5 mg/m3 (Oil mist)		10 mg/m3 (Oil mist)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT**



**ENGINEERING MEASURES**

Well-ventilated area.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

**HAND PROTECTION**

Chemical resistant gloves required for prolonged or repeated contact.

**EYE PROTECTION**

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

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE	Clear Liquid
COLOUR	Amber
ODOUR	Hydrocarbon Solvent.
SOLUBILITY	Immiscible with water
RELATIVE DENSITY	0.786 - 0.806 @ 20 °c

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### 10 STABILITY AND REACTIVITY

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# FREEWAY

**STABILITY**

No particular stability concerns.

**CONDITIONS TO AVOID**

Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids. Avoid excessive heat for prolonged periods of time.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire or high temperatures create: Nitrous gases (NOx). Carbon dioxide (CO2). Carbon monoxide (CO). Sulphurous gases (SOx).

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**11 TOXICOLOGICAL INFORMATION**

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**GENERAL INFORMATION**

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

**INHALATION**

Vapours may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Harmful: may cause lung damage if swallowed. May cause stomach pain or vomiting. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

**SKIN CONTACT**

Repeated exposure may cause skin dryness or cracking. May cause defatting of the skin, but is not an irritant.

**EYE CONTACT**

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

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**12 ECOLOGICAL INFORMATION**

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**ECOTOXICITY**

Not regarded as dangerous for the environment.

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**13 DISPOSAL CONSIDERATIONS**

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**DISPOSAL METHODS**

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

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**14 TRANSPORT INFORMATION**

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	No transport warning sign required.
ROAD TRANSPORT NOTES	Not Classified
SEA TRANSPORT NOTES	Not Classified.

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**15 REGULATORY INFORMATION**

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**LABELLING**



Harmful

**CONTAINS** DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

**RISK PHRASES**

R66	Repeated exposure may cause skin dryness or cracking.
R65	Harmful: may cause lung damage if swallowed.

**SAFETY PHRASES**

S23	Do not breathe vapour/spray.
S37	Wear suitable gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

# FREEWAY

## UK REGULATORY REFERENCES

Chemicals (Hazard Information Packaging & Supply) Regulations 2002 (CHIP 3).

## STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

## APPROVED CODE OF PRACTICE

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

## GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

## NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and use of transportable pressure equipment regulations 2004.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

For further information or advice contact our technical service line during regular office hours on 0121-525-4000.

This safety data sheet has been compiled for the product as supplied, properties and hazards will vary if the product is diluted with water or mixed with any other material.

### REVISION COMMENTS

The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.

REVISION DATE 07-01-2008

REV. NO./REPL. SDS GENERATED 10-04-2003

SDS NO. 5

### SAFETY DATA SHEET STATUS

Approved.

DATE 07-01-2008

SIGNATURE Health and Safety Officer.

### RISK PHRASES IN FULL

- NC Not classified.
- R22 Harmful if swallowed.
- 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.