



## SAFETY DATA SHEET FREEWAY PENETRATING FLUID

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name                      FREEWAY PENETRATING FLUID  
Product number                    G61130

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

Identified uses                    Releasing agent.

#### 1.3. Details of the supplier of the safety data sheet

Supplier                            FORCE PRODUCTS LIMITED,  
STOCK HOUSE, SEYMOUR ROAD,  
NUNEATON, WARWICKSHIRE  
CV11 4LB, ENGLAND  
Tel: 02476 322130  
Fax: 02476 322151  
sales@forceproducts.co.uk

#### 1.4. Emergency telephone number

Emergency telephone            0121 525 4000 (09:00 - 17:00 hrs)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards                    Not Classified  
Health hazards                      Asp. Tox. 1 - H304  
Environmental hazards            Not Classified

##### Human health

Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

#### 2.2. Label elements

##### Pictogram



Signal word                         Danger

Hazard statements                H304 May be fatal if swallowed and enters airways.

Precautionary statements      P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with national regulations.

Supplemental label information                    EUH066 Repeated exposure may cause skin dryness or cracking.

## FREEWAY PENETRATING FLUID

**Contains** DISTILLATES (PETROLEUM), HYDROTREATED LIGHT, MINERAL OIL

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>DISTILLATES (PETROLEUM), HYDROTREATED LIGHT</b>	<b>60-100%</b>
CAS number: 64742-47-8	EC number: 265-149-8
	REACH registration number: 01-2119484819-18-0001

##### Classification

Asp. Tox. 1 - H304

<b>MINERAL OIL</b>	<b>10-30%</b>
CAS number: 64742-65-0	EC number: 265-169-7
	REACH registration number: 01-2119471299-27-XXXX

##### Classification

Asp. Tox. 1 - H304

##### Classification (67/548/EEC or 1999/45/EC)

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<b>ISOPROPYLAMINE BENZENE SULPHONATE</b>	<b>1-3%</b>
CAS number: 68584-24-7	EC number: 271-531-5

##### Classification

Eye Irrit. 2 - H319

Acute Tox. 4 - H302

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

<b>General information</b>	If medical attention is required present a copy of this datasheet to the physician.
<b>Inhalation</b>	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep affected person warm and at rest. Get medical attention immediately.
<b>Ingestion</b>	Rinse mouth thoroughly with water. 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 vomit does not enter the lungs.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

##### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	Congestion of the lungs may occur, producing severe shortness of breath. Vapours may cause headache, fatigue, dizziness and nausea.
<b>Ingestion</b>	Congestion of the lungs may occur, producing severe shortness of breath.

## FREEWAY PENETRATING FLUID

**Skin contact** Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** Visual disturbances, including blurred vision.

### **4.3. Indication of any immediate medical attention and special treatment needed**

**Notes for the doctor** No specific recommendations.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards** No unusual fire or explosion hazards noted.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Sulphurous gases (SO<sub>x</sub>).

### **5.3. Advice for firefighters**

**Protective actions during firefighting** Containers close to fire should be removed or cooled with water. Do not allow water to contact any leaked material. Move containers from fire area if it can be done without risk.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Wear protective clothing, gloves, eye and face protection. Avoid inhalation of vapours.

### **6.2. Environmental precautions**

**Environmental precautions** Avoid or minimise the creation of any environmental contamination. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

### **6.3. Methods and material for containment and cleaning up**

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material. Flush contaminated area with plenty of water. Contain spillage with sand, earth or other suitable non-combustible material. Inform authorities if large amounts are involved.

### **6.4. Reference to other sections**

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

**Usage precautions** Read and follow manufacturer's recommendations. Avoid spilling. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Provide adequate ventilation. Heating may generate flammable vapours.

### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from oxidising materials, heat and flames.

**Storage class** Chemical storage.

### **7.3. Specific end use(s)**

## **SECTION 8: Exposure Controls/personal protection**

### **8.1. Control parameters**

# FREEWAY PENETRATING FLUID

## DISTILLATES (PETROLEUM), HYDROTREATED LIGHT (CAS: 64742-47-8)

DNEL

Consumer - Oral; Long term systemic effects: 19 mg/kg/day

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

All handling should only take place in well-ventilated areas.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

#### Other skin and body protection

Wear apron or protective clothing in case of contact.

#### Hygiene measures

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

#### Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Appearance	Clear liquid. Liquid.
Colour	Amber.
Odour	Hydrocarbons. Solvent.
Relative density	0.786 - 0.806 @ 20°C
Solubility(ies)	Immiscible with water.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

**Stability** No particular stability concerns.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with the following materials: Strong oxidising agents. Strong alkalis. Strong mineral acids. Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

**Materials to avoid** Strong oxidising agents.

### 10.6. Hazardous decomposition products

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**Hazardous decomposition products** Thermal decomposition or combustion products may include the following substances: Nitrous gases (NO<sub>x</sub>). Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Sulphurous gases (SO<sub>x</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** No information available.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 25,000.0

**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** Aspiration hazard if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs. May cause stomach pain or vomiting.

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

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity** Not considered toxic to fish.

#### 12.2. Persistence and degradability

**Persistence and degradability** The surfactant(s) contained in this product 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.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product is not bioaccumulating.

#### 12.4. Mobility in soil

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces. The product is immiscible with water and will spread on the water surface.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

### SECTION 14: Transport information

## FREEWAY PENETRATING FLUID

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

<b>National regulations</b>	Control of Substances Hazardous to Health Regulations 2002 (as amended).
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

## FREEWAY PENETRATING FLUID

<b>Abbreviations and acronyms used in the safety data sheet</b>	<p>RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.          ADR: European Agreement concerning the International Carriage of dangerous Goods by Road.          IMDG: International Maritime Code for Dangerous Goods.          GHS: Globally Harmonized System of Classification and Labelling of Chemicals.          EINECS: European Inventory of Existing Commercial Chemical Substances.          CAS: Chemical Abstract Service.          DNEL: Derived No-Effect Level.          PNEC: Predicted No-Effect Concentration.          LD50: Lethal dose, 50 percent.          LC50: Lethal concentration, 50 percent.          WEL: Workplace Exposure Limit.          STEL: Short Term Exposure Limit.          TWA: Time Weighted Average.          PBT: Persistent Bioaccumulative Toxic.          vPvB: Very Persistent and Very Bioaccumulative.</p>
<b>General information</b>	<p>For further information or advice contact our technical service line during regular office hours on 0121-525-4000.</p> <p>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.</p>
<b>Revision comments</b>	<p>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.</p>
<b>Revision date</b>	17/07/2015
<b>Revision</b>	8
<b>Supersedes date</b>	16/12/2014
<b>SDS status</b>	Approved.
<b>Signature</b>	Health and Safety Manager
<b>Hazard statements in full</b>	<p>H302 Harmful if swallowed.          H304 May be fatal if swallowed and enters airways.          H319 Causes serious eye irritation.</p>

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.