



## MATERIAL SAFETY DATA SHEET: ALCOHOL CLEANER

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Date of issue: 15.07.2004

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### 1 IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product name: H3508 IPA  
Intended use: Surface cleaning to remove dirt & grease  
Name & address: Heskins Ltd  
Churchill Industrial Estate  
Brinscall  
Chorley  
PR6 8RQ, UK  
Telephone number: +44-(0)1254-832266

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Isopropanol

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### 3. HAZARDS IDENTIFICATION

Highly Flammable Flash Point 10°C [Also refer to Section 11]

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### 4. FIRST AID MEASURES

#### General:

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation:

Remove person to fresh air. If recovery does not occur obtain medical attention

#### Eye Contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical attention.

#### Skin Contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water, or use a proprietary skin cleaner.

do NOT use solvents or thinners. If irritation persists seek medical attention

#### Ingestion:

If accidentally swallowed, drink milk or water, place in recovery position and obtain immediate medical attention.

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### 5. FIRE FIGHTING MEASURES

**HIGHLY FLAMMABLE. CONTAINER MAY BURST IF OVERHEATED**

Extinguishing media: Carbon Dioxide; Alcohol Resistant Foam; Dry Chemical Powder or Water Fog.  
Water spray should be used to cool containers.  
Can accumulate static electricity charges.

Fire Fighting

Protective Equipment: A self contained breathing apparatus must be worn in fire conditions

Unusual Fire &

Exposure Hazards: Vapour is heavier than air and can travel along the ground with the risk of distant ignition.

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### Recommendations:

Do not allow run-off from fire fighting to enter drains or water courses. If this happens inform fire service & water authority.

## 6. ACCIDENTAL RELEASE MEASURES

Ensure there are no sources of ignition. If necessary evacuate personnel from area. Avoid breathing vapour. Contain and collect spillages with absorbent materials, e.g. sand, or a proprietary material and dispose of as Highly Flammable Waste. Product must not enter drains. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers Authority.

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## 7. HANDLING AND STORAGE

Keep the container tightly closed. Store away from sources of heat and ignition and in a well ventilated area.

Containers which are opened should be properly resealed and kept upright to prevent leakage.

Exclude other flammable and oxidising agents. Ensure storage vessels and transfer equipment are earth bonded to avoid static charge.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Impervious gloves and eye protection should be worn to avoid contact with skin and eyes. Avoid breathing vapour and ensure good ventilation. In areas of high concentration a self contained breathing apparatus should be worn.

### OES VALUES:

ISOPROPANOL	400 ppm	980 mg/m <sup>3</sup>	8 Hours TWA
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## 9. PHYSICAL AND CHEMICAL PROPERTIES

physical form: Liquid  
appearance/odour: Clear/Alcoholic  
boiling point (C): 82°C (Initial)  
flash point: 10°C



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auto flammability Lower: 2.0%  
Upper: 12.0%  
specific gravity: 0.79 @ 20°C  
vapour density: 2.10 @ 20°C  
vapour pressure: 4.67 @ 20°C  
solubility in water: Complete

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## 10. STABILITY AND REACTIVITY

STABILITY Stable  
HAZARDOUS REACTIONS Keep away from oxidising agents, sulphuric & nitric acids.  
CONDITIONS TO AVOID Avoid naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition.  
HAZARDOUS DECOMPOSITION PRODUCTS Burning will produce Carbon Monoxide and/or Carbon Dioxide.

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## 11. TOXICOLOGICAL INFORMATION

EYES : Causes slight to moderate irritation with possible corneal injury  
SKIN : Prolonged contact will defat and dry, leading to possible irritation  
INHALATION : May cause irritation of the nose and throat. At high concentrations, may cause dizziness, headache, nausea and incoordination.  
INGESTION : Slightly toxic. Ingestion of a large quantity may cause some nausea, vomiting, diarrhoea, abdominal pain, drowsiness, dizziness and incoordination.  
CHRONIC EFFECTS : No evidence of adverse effects from available information.

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## 12. ECOLOGICAL INFORMATION

BIO-ACCUMULATION : Product does not bio-accumulate.  
ECOTOXICITY : None quoted.  
BIODEGRADABILITY : At very low concentration Isopropanol biodegrades readily (ca 10ppm)

### 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

[Using the information provided in this safety data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulations apply.]

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### 14. TRANSPORT INFORMATION

A. <u>CONVEYANCE U.K.</u>	B. <u>SUPPLY</u>
PACKING GROUP : II	SAFETY PHRASES : S7/16
TREMCARD : 544	RISK PHRASES : R11
EMERGENCY	
ACTION CODE : 2 (S) E	SUPPLY SYMBOL : Flaming Torch
CLASSIFICATION : Flammable Liquid	KEY WORDS : HIGHLY FLAMMABLE

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### 15. REGULATORY INFORMATION

1. Classification , Packaging and Labelling of dangerous substances regulations 1984
2. Environmental Protection Act 1990
3. Environmental Protection (duty of care) regulations 1991
4. Highly Flammable liquids and Liquefied Petroleum Gases regulations 1972
5. Chemicals, Hazardous Information and Packaging 1993
6. Control of Pollution (Special Wastes) regulations 1980

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

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### 16. OTHER INFORMATION

This safety data sheet is provided in accordance with the provisions of Section 6 of the Health and Safety at Work etc. act 1974, as amended by the Consumer Protection Act 1987.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product



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are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge, and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in:

The Control of Substances hazardous to Health Regulations 1988 (SI 1988: 1657)

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992: 2839)

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