



# SAFETY DATA SHEET

## GLASS AND STAINLESS STEEL CLEANER CONCENTRATE

According to Regulation (EU) No 453/2010

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name GLASS AND STAINLESS STEEL CLEANER CONCENTRATE  
Product No. FHSB4

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

Identified uses Detergent.  
Uses advised against Not for oral consumption

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

Supplier PRIME SOURCE  
PO BOX 15247  
BIRMINGHAM  
B22 3HN  
+44 (0) 7039 401 465  
info@prime-source.co.uk

#### 1.4. Emergency telephone number

This product is registered with the NPIS. Telephone : (+44) 0844 892 0111  
UK Environment Agency 24hour Advisory Service 0800 807060. Irish Environmental Protection Agency 1890 335599. 24  
Hour Medical Emergency Telephone Number (+44) 0870 190 6777

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Xi;R36/38. F;R11. R67.

#### 2.2. Label elements

##### Detergent Labelling:

< 5% non-ionic surfactants

##### Labelling



Irritant



Highly flammable

##### Risk Phrases

R36/38 Irritating to eyes and skin.  
R67 Vapours may cause drowsiness and dizziness.  
R11 Highly flammable

##### Safety Phrases

S16 Keep away from sources of ignition - No smoking.  
S24/25 Avoid contact with skin and eyes.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S51 Use only in well-ventilated areas.  
S60 This material and its container must be disposed of as hazardous waste.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

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<b>PROPAN-2-OL</b>		<b>60-100%</b>
<b>CAS-No.: 67-63-0</b>	<b>EC No.: 200-661-7</b>	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	
<b>2-METHYLPENTANE-2,4-DIOL</b>		<b>30-60%</b>
<b>CAS-No.: 107-41-5</b>	<b>EC No.: 203-489-0</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38	

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

#### Inhalation

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. If breathing stops, provide artificial respiration. Get medical attention.

#### Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

#### Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water.

#### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

#### Inhalation.

Vapours may cause headache, fatigue, dizziness and nausea.

#### Ingestion

Ingestion of large amounts may cause unconsciousness.

#### Skin contact

There may be mild irritation at the site of contact. On broken skin irritation may be severe.

#### Eye contact

Irritation of eyes and mucous membranes.

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

#### Notes to the physician

Contains a mixture of Isopropyl Alcohol, Hexylene Glycol and Surfactants. All components are water soluble.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

DO NOT use water if avoidable. Use: Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>).

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

#### Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

#### Unusual Fire & Explosion Hazards

HIGHLY FLAMMABLE!

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## Specific hazards

When heated and in case of fire, irritating vapours/gases may be formed.

## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Use air respirator if substance is involved in a fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Large spillages or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.

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

Wear necessary protective equipment. Should be prevented from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

### 6.4. Reference to other sections

See sections 8 and 12

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid inhalation of vapours. Provide good ventilation.

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

Keep above chemical's freezing (melting) point.

### 7.3. Specific end use(s)

#### Usage Description

Use as instructed on the product information sheet. This product is suitable for use in food preparation areas, but is not designed for direct food contact.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHYLPENTANE-2,4-DIOL	WEL	25 ppm	123 mg/m <sup>3</sup>	25 ppm	123 mg/m <sup>3</sup>	
PROPAN-2-OL	WEL	400 ppm	999 mg/m <sup>3</sup>	500 ppm	1250 mg/m <sup>3</sup>	

WEL = Workplace Exposure Limit.

### SODIUM ALKYL ETHER SULPHATE (CAS: 68891-38-3)

#### DNEL

Professional

#### DNEL

Oral

#### DNEL

2750mg/Kg

#### PNEC

Professional

Freshwater

0.24

mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Engineering measures

Provide adequate general and local exhaust ventilation.

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## Respiratory equipment

No specific recommendations.

## Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

## Eye protection

If risk of splashing, wear safety goggles or face shield.

## Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

## Environmental Exposure Controls

Do not allow the substance to contaminate surface water/ground water. See point 6, 12 & 13.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Clear liquid.
Colour	Blue.
Odour	Odour of alcohol.
Solubility	Soluble in water.
Relative density	0.827 @ 20 Degees C
pH-Value, Conc. Solution	5 - 8
Flash point	17 CC (Closed cup).

### 9.2. Other information

**Storage Temperature Range** -10 to +25 Degrees C in Closed Container

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Refer to section 10.1.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition.

### 10.5. Incompatible materials

#### Materials To Avoid

Flammable/combustible material.

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Aspiration hazard:

##### Inhalation

May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

##### Ingestion

Irritating. May be absorbed in the body and cause dizziness, nausea and vomiting.

##### Skin contact

Long exposure may result in skin dryness.

##### Eye contact

Irritating to eyes. Risk of serious damage to eyes.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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## Acute Fish Toxicity

This product is not considered to be dangerous to the environment. Not considered toxic to fish.

## 12.2. Persistence and degradability

### Degradability

The surfactant(s) used in this preparation complies (comply) with the biodegradability criteria as laid down in the European Detergents Regulation No 648/2004 as amended.

## 12.3. Bioaccumulative potential

### Bioaccumulative potential

Not expected to Bioaccumulate.

## 12.4. Mobility in soil

### Mobility:

The product is water soluble and may spread in water systems.

## 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

### 13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

UN No. (ADR/RID/ADN)	1219
UN No. (IMDG)	1219
UN No. (ICAO)	1219

### 14.2. UN proper shipping name

Proper Shipping Name ISOPROPANOL (ISOPROPYL ALCOHOL)

### 14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	



### 14.4. Packing group

ADR/RID/ADN Packing group II

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IMDG Packing group II

ICAO Packing group II

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant  
No.

## 14.6. Special precautions for user

EMS F-E, S-D

Emergency Action Code •2YE

Hazard No. (ADR) 33

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

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

#### EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

### General information

This document is a Safety Data Sheet, NOT a CoSHH assessment. It is the customers' responsibility to conduct a full CoSHH assessment, taking into account the information held within this document along with other local factors considered in a risk assessment.

The Risk and Hazard statements listed below are the full text of abbreviations used in this document. They are not the final classification, for this refer to section 2.

### Revision Comments

This is first issue.

Revision Date 21 June 2011

### Risk Phrases In Full

R11	Highly flammable
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

### Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H225	Highly flammable liquid and vapour.
H336	May cause drowsiness or dizziness.

### 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.*