



SAFETY DATA SHEET

DISHWASH DETERGENT - SUPER 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 DISHWASH DETERGENT - SUPER CONCENTRATE
Product No. FHSB6

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

Identified uses Detergent.
Uses advised against Not for use by hand.

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

UK Environment Agency 24hour Advisory Service 0800 807060. Irish Environmental Protection Agency 1890 335599. This product is registered with the NPIS. Telephone : (+44) 0844 892 0111
 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) C;R35.

2.2. Label elements

Contains SODIUM HYDROXIDE

Detergent Labelling:

5 - < 15% EDTA and salts thereof
 < 5% Phosphonates
 amphoteric surfactants
 polycarboxylates

Labelling



Corrosive

Risk Phrases

R35 Causes severe burns.

Safety Phrases

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.
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
 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

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3.2. Mixtures

SODIUM HYDROXIDE			5-10%
CAS-No.: 1310-73-2	EC No.: 215-185-5	Registration Number: 01-2119457892-27	
Classification (EC 1272/2008) Skin Corr. 1A - H314		Classification (67/548/EEC) C;R35	

ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM SALT			5-10%
CAS-No.: 64-02-8	EC No.: 200-573-9	Registration Number: 01-2119486762-27	
Classification (EC 1272/2008) Met. Corr. 1 - H290 Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Irrit. 2 - H319		Classification (67/548/EEC) Xn;R20,R22. Xi;R41.	

GLUCONIC ACID			1-5%
CAS-No.: 526-95-4	EC No.: 208-401-4		
Classification (EC 1272/2008) Eye Irrit. 2 - H319		Classification (67/548/EEC) Xi;R36.	

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

General information

Remove affected person from source of contamination.

Inhalation

Inhalation unlikely. Product in mist or aerosol may lead to irritation of the respiratory tract. Perform artificial respiration if breathing has stopped. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Do not give victim anything to drink if he is unconscious. Place unconscious person on the side in the recovery position and ensure breathing can take place. Get medical attention.

Skin contact

Remove victim immediately from source of exposure. Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

Eye contact

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.

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

General information

Neat product may cause chemical burns and permanent eye damage. Dilute product may cause irritation to the skin and eyes

Inhalation.

Unlikely route of exposure. Product droplets in steam may after long exposure cause irritation to mouth throat and nose.

Ingestion

Unlikely route of exposure without deliberate abuse. If neat chemical is ingested, chemical burning of mouth, throat and GI tract will occur. If dilute chemical is ingested, soreness of mouth, throat and GI tract may occur together with redness and blistering.

Skin contact

May cause serious chemical burns to the skin.

Eye contact

May result in permanent eye damage.

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

Notes to the physician

Contains Chelating Agents and Sodium Hydroxide in Aqueous Solution.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

In contact with some metals (Aluminium, Zinc and their alloys) hydrogen gas is formed, which may form explosive mixture with air.

Specific hazards

The product is non-combustible. If heated, corrosive vapours may be formed.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of 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

Stop leak if possible without risk. 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, 12 & 13

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 0°C and 40°C.

7.3. Specific end use(s)

Detergent, refer to Product Information Sheet for full details.

Usage Description

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
SODIUM HYDROXIDE	WEL				2 mg/m ³	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment

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Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Rubber, neoprene or PVC.

Eye protection

Wear full-face visor or 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	Amber.
Odour	No characteristic odour.
Solubility	Soluble in water.
Relative density	1.156 @ 20 Degrees C
pH-Value, Diluted Solution	11.5 - 12.5 @ 1%v/v

9.2. Other information

Storage Temperature Range 0 to +40 Degree C

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not expected to react when correctly stored and used. Mixing with other chemicals may produce un-expected reactions. Reacts violently with strong acids.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Avoid Contact with acids.

10.3. Possibility of hazardous reactions

Refer to section 10.1.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Reaction with aluminium, zinc, tin, lead or their alloys produces flammable hydrogen gas.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

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

Ingestion

Causes severe burns. Harmful if swallowed.

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Skin contact

Causes severe burns.

Eye contact

Risk of serious damage to eyes. May cause permanent eye injury.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

This mixture is not classified as toxic to aquatic organisms. See note 12.0.

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 contains substances, which are 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

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Do not mix with other chemicals.

13.1. Waste treatment methods

Dispose of in accordance with Local Authority requirements.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1824

UN No. (IMDG) 1824

UN No. (ICAO) 1824

14.2. UN proper shipping name

Proper Shipping Name SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

ADR/RID/ADN Class 8

ADR/RID/ADN Class Class 8: Corrosive substances.

ADR Label No. 8

IMDG Class 8

ICAO Class/Division 8

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Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group	II
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-A, S-B
Emergency Action Code	2R
Hazard No. (ADR)	80

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. Regulation (EU) No 435/2010. Dangerous Preparations Directive 1999/45/EC.

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 5th December 2011

Risk Phrases In Full

R35	Causes severe burns.
R20	Harmful by inhalation.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.

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Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H290	May be corrosive to metals.

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.