



JEYES



SAFETY DATA SHEET

Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]

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

1.1. Product identifier

Product Name	Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]
Product No.	572260
Internal Id	JP35 (4 - 26/11/2010)
Container Size	5 Litre x 2

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

Identified uses	Dishwasher Detergent
-----------------	----------------------

1.3. Details of the supplier of the safety data sheet

Supplier:	Jeyes Ltd. Jeyes Professional Division 180-181 Bradkirk Place Walton Summit Preston Lancashire. PR5 8AJ T 01772 318318 F 01772 318319 technical@jeyes.co.uk
-----------	---

1.4. Emergency telephone number

0800 197 5599

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC)	C;R35.
------------------------------	--------

Human Health

The product is strongly irritating to eyes and skin. Prolonged contact may cause burns.

2.2. Label elements

Contains:	SODIUM HYDROXIDE
-----------	------------------

Labelling



Corrosive

Risk Phrases

R35	Causes severe burns.
-----	----------------------

Safety Phrases

S1/2	Keep locked up and out of the reach of children.
S20	When using do not eat or drink.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S46	If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

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

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

Ingestion

Get medical attention immediately! Do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Skin Contact

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes and seek medical attention. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective Measures In Fire

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

Avoid contact with skin and eyes. For personal protection, see section 8.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Wear necessary protective equipment. Absorb with sand or other inert absorbent. Transfer to a container for disposal. For waste disposal, see section 13.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Store in closed original container at temperatures between 0°C and 30°C. Store away from: Acids.

Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
SODIUM HYDROXIDE	WEL				2 mg/m3	

WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective Equipment



Hand Protection

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye Protection

Wear goggles/face shield.

Hygiene Measures

Wash hands after handling.

Skin Protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Clear liquid
Colour	Light (or pale) Yellow
Odour	Slight odour Ammonia
Solubility	Soluble in water.
Relative Density	1.150 - 1.190 @ 20C
pH-Value, Conc. Solution	13.0 - 14.0
Flash Point (°C)	> 61°C CC (Closed cup).

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with acids. Do not mix or use with other products.

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ingestion.

Corrosive. Even small amounts may cause serious damage.

Skin Contact

Corrosive. Prolonged contact causes serious tissue damage.

Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]

Eye Contact

Risk of serious damage to eyes.

Health Warnings

Causes burns.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

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)	1719
UN No. (IMDG)	1719
UN No. (ICAO)	1719

14.2 UN Proper shipping name

Proper Shipping Name CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE)

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

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.

Jeyes Professional Auto Dish Wash Detergent (A1) [5 Litre x 2]

14.6. Special precautions for user

EMS	F-A, S-B
Emergency Action Code	2R
Hazard No. (ADR)	80
Tunnel Restriction Code	(E)

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

SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. The surfactant(s) contained in this preparation 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.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

General Information

- FOR PROFESSIONAL USE ONLY -

NOTE: THE RISK PHRASES SHOWN BELOW RELATE TO THE INDIVIDUAL RAW MATERIALS IN THE PRODUCT (from section 3), AND NOT THE CLASSIFICATION OF THE PRODUCT ITSELF (this can be found in section 15)

Revision Comments

Change to product classification

Issued By Michelle Smith

Revision Date 09/02/2011

Revision 7 - 13/12/2010

Risk Phrases In Full

R35 Causes severe burns.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.

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.