



J002 S20

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT CODE: J002
PRODUCT NAME: S20
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2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME CAS No.:	EINECS Nr.:	CLASSIFICATION	CONTENT
POTASSIUM HYDROXIDE 1310-58-3	215-181-3	C;R35 Xn;R22	5-10 %
SODIUM HYDROXIDE 1310-73-2	215-185-5	C;R35	10-30 %

The full text for all R-Phrases are displayed in Section 16

3. HAZARDS IDENTIFICATION

R35 Causes severe burns.

4. FIRST AID MEASURES

GENERAL: Chemical burns must be dealt with immediately, do not delay. CAUTION! First Aid personnel must be aware of own risk of burns.

INHALATION: Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION: DO NOT INDUCE VOMITING!, Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES

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

SPECIAL FIRE FIGHTING PROCEDURES: Use special protective clothing. Regular protection may not be safe.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Wear necessary protective equipment. 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. Inform Authorities if large amounts are involved.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS: Store separated from: , Acids.

USAGE DESCRIPTION: Controlled substance storage.



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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
POTASSIUM HYDROXIDE		WEL		2 mg/m3

PROTECTIVE EQUIPMENT:



9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear, Liquid
COLOUR:	Brown
ODOUR:	Odourless
DENSITY/SPECIFIC GRAVITY(g/ml)	1.360 - 1.380
pH-VALUE, CONC. SOLUTION:	>13.0

10. STABILITY AND REACTIVITY

STABILITY:	Stable under normal temperature conditions.
CONDITIONS TO AVOID:	Avoid contact with acids.
MATERIALS TO AVOID:	Strong acids. Reacts strongly with light metals such as aluminium and zinc, producing hydrogen which is Highly Flammable.

11. TOXICOLOGY INFORMATION

INHALATION:	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
INGESTION:	Causes severe burns. Harmful if swallowed.
SKIN CONTACT:	Causes severe burns.
EYE CONTACT:	Causes severe burns. Risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Not classed as Hazardous to the Environment but release to the environment should be avoided.
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13. DISPOSAL CONSIDERATIONS

DISPOSABLE METHODS:	Dispose of waste and residues in accordance with local authority requirements.
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14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE:



UN No ROAD:	1719
UK ROAD TRANSPORT CLASS:	8
UK ROAD PACK GR.:	II
ADR CLASS:	Class 8: Corrosive substances.
PROPER SHIPPING NAME I:	CAUSTIC ALKALI LIQUID,NOS (Sodium Hydroxide)
UN No SEA:	1719



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15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:

R35 Causes severe burns.

SAFETY PHRASES:

S1/2 Keep locked up and out of the reach of children. S23 Do not breathe vapour/spray. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of .. (to be specified by the manufacturer), 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). S51 Use only in well-ventilated areas.

STATUTORY INSTRUMENTS:

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

DETERGENT LABELLING:

< 5%

Non-ionic surfactants

16. OTHER INFORMATION

USER NOTES:

The following risk phrases relate to the raw materials in the product and not the product itself:-

REVISION DATE:

20/04/2006

REV. NO./REPL. SDS GENERATED:

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R-PHRASES (Full Text):

R22 Harmful if swallowed., R35 Causes severe burns. | R35 Causes severe burns. |