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ReAgent

SAFETY DATA SHEET SODIUM HYDROXIDE PELLETS AR

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	SODIUM HYDROXIDE PELLETS AR
PRODUCT NO.	1547
APPLICATION	General chemical reagent
SUPPLIER	Reagent Chemical Services 18 Aston Fields Road Whitehouse Industrial Estate Runcorn Cheshire WA7 3DL T: 01928 716903 F: 01928 716425 E: info@reagent.co.uk

2 HAZARDS IDENTIFICATION

Causes severe burns.

CLASSIFICATION -

3 COMPOSITION/INFORMATION ON INGREDIENTS

EU INDEX NO.	011-002-00-6
EC No.	215-185-5
CAS-No.	1310-73-2

4 FIRST-AID MEASURES

INHALATION

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

INGESTION

Immediately rinse mouth and drink plenty of water. Get medical attention immediately!

SKIN CONTACT

Immediately remove contaminated clothing. Rinse the skin immediately with lots of water. Get medical attention immediately.

EYE CONTACT

May cause permanent damage if eye is not immediately irrigated. Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

PROTECTIVE MEASURES IN FIRE

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

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Avoid dust formation. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

SODIUM HYDROXIDE PELLETS AR**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
SODIUM HYDROXIDE PELLETS AR	OES				2 mg/m ³	

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure workplace exposure limits are not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Use full-length gloves. Rubber or plastic.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. Provide eyewash station and if handling large amounts, a safety shower. Wear rubber or plastic apron and full length gauntlets if handling large amounts.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Solid		
COLOUR	White		
ODOUR	Odourless		
SOLUBILITY	Soluble in water.		
BOILING POINT (°C)	1390	MELTING POINT (°C)	318
RELATIVE DENSITY	2.12	VAPOUR PRESSURE	1 mm Hg 739
pH-VALUE, DILUTED SOLUTION	14.5		

10 STABILITY AND REACTIVITY**STABILITY**

Air and moisture sensitive.

MATERIALS TO AVOID

Aluminium, zinc, tin (formation of hydrogen). Acids. Organic cyanides (nitriles). Alkali earth metals. Inorganic cyanides. Magnesium. Organic nitro compounds. Ammonium compounds (Formation of ammonia). Phenols

11 TOXICOLOGICAL INFORMATION**INHALATION**

Burns to mucous membranes.

INGESTION

Causes severe internal damage if swallowed.

SKIN CONTACT

Causes burns.

EYE CONTACT

Strongly corrosive. Causes severe burns. Immediate first aid is imperative.

12 ECOLOGICAL INFORMATION

SODIUM HYDROXIDE PELLETS AR**ECOTOXICITY**

Causes alkaline pH shift. Ecological effects cannot be excluded in the event of improper handling or disposal.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14 TRANSPORT INFORMATION

UK ROAD CLASS	8		
PROPER SHIPPING NAME	SODIUM HYDROXIDE, SOLID		
UN NO. ROAD	1823	UK ROAD PACK GR.	II
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80GC6-II+III
RID CLASS NO.	8	RID PACK GROUP	II
UN NO. SEA	1823	IMDG CLASS	8
IMDG PAGE NO.	8	IMDG PACK GR.	II
EMS	F-A, S-B	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1823
AIR CLASS	8	AIR PACK GR.	II

15 REGULATORY INFORMATION**LABELLING**

Corrosive

RISK PHRASES

R35 Causes severe burns.

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S37/39 Wear suitable gloves and eye/face protection.

S1/2 Keep locked up and out of the reach of children.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

REVISION DATE: March 2007

SODIUM HYDROXIDE PELLETS AR

REVISION COMMENTS

Changes to 4, 6, 8, 9 and 12.

REVISION DATE March 2007

REV. NO./REPL. SDS GENERATED Supercedes issue May 2004.

SDS NO. 20464

SAFETY DATA SHEET STATUS

Approved.