

MATERIAL SAFETY DATA SHEET

SODIUM HYDROXIDE PELLETS

AR

MSDS CAS: - 1310-73-2

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product

Product Name: SODIUM HYDROXIDE PELLETS AR

CAS#: - 1310-73-2

C.I. No.: Not available.

Synonym: Not available.

Chemical Name: Not available.

Chemical Formula: NaOH

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification:

OXFORD LAB FINE CHEM LLP

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Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
SODIUM HYDROXIDE PELLETS AR	1310-73-2	100

Section 3: Hazards Identification

3.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : C; R35

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1) H318 Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

3.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s) : C : Corrosive

R Phrase(s) : R35 : Causes severe burns.

S Phrase(s) : S1/2 : Keep locked up and out of reach of children. S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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

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

Contains : Hidróxido de sodio

Labelling Regulation EC 1272/2008 (CLP)

Signal words : Danger

Hazard statements : H314 : Causes severe skin burns and eye damage.

Precautionary statements

• General : P102: Keep out of reach of children.

P103: Read label before use.

P101: If medical advice is needed, have product container or label at hand.

• Prevention : P280: Wear protective gloves, protective clothing, eye protection, face protection.

P260: Do not breathe dust, fume, gas, mist, vapours, spray.

Section 3: Hazards Identification (Continued)

P264: Wash thoroughly after handling.

- **Response :** P301+P330+P331: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P303+P361+P353: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Rinse skin with water/shower. P363: Wash contaminated clothing before reuse.

- **Storage :** P405: Store locked up.

- **Disposal considerations :** P501: Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Contains : Hidróxido de sodio

3.3. Other hazards

Other hazards : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 4: First Aid Measures

4.1. Description of first aid measures

Inhalation : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.

Skin contact : Wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Immediately call a POISON CENTER or doctor.

Eye contact : Immediately call a POISON CENTER or doctor. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

Ingestion : Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.

Section 4: First Aid Measures (Continued)

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

Symptoms relating to use : Causes severe skin burns and eye damage.

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

General information : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Section 5: Fire and Explosion Data

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

Surrounding fires : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : Under fire conditions, hazardous fumes will be present. Thermal decomposition generates : Corrosive vapours.

5.3. Advice for fire-fighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Equip cleanup crew with proper protection. Ventilate area.

For non-emergency personnel : Evacuate unnecessary personnel.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling : Do not breathe dust, fume, gas, mist, vapours, spray. Avoid contact during pregnancy or while nursing. Wash thoroughly after handling.

Technical protective measures : Provide good ventilation in process area to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

Storage regulation : Comply with applicable regulations.

Storage - away from : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

Section 7: Handling and Storage (Continued)

7.3. Specific end use(s)

Specific end use(s) : None.

Section 8: Exposure Controls/Personal Protection

8.1. Exposure controls

Personal protection : Avoid all unnecessary exposure.

- **Respiratory protection** : Wear approved mask.
- **Hand protection** : Wear protective gloves.
- **Eye protection** : Chemical goggles or face shield.
- **Others** : When using, do not eat, drink or smoke.

8.2. Control parameters

Occupational Exposure Limits : No data available.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C	: Solid.
Colour	: White pellets
Odour	: Odorless
Molecular Weight	: 40.00
Odour threshold	: No data available.
pH value	: Not applicable.
Melting point [°C]	: 318 °C
Decomposition point [°C]	: N/A
Critical temperature [°C]	: N/A
Auto-ignition temperature [°C]	: N/A

Section 9: Physical and Chemical Properties (Continued)

Flammability (solid, gas)	: N/A
Flash point [°C]	: N/A
Boiling point [°C]	: 13900C
Initial boiling point [°C]	: N/A
Final boiling point [°C]	: N/A
Evaporation rate	: N/A
Vapour pressure [20°C]	: < 24 hPa at 20 °C
Vapour pressure mm/Hg	: N/A
Vapour density	: >1
Density [g/cm ³]	: 2,13
Relative density, gas (air=1)	: N/A
Relative density, liquid (water=1)	: N/A
Solubility in water [% weight]	: 111 g/100 g of water
Solubility in water	: N/A
Log Pow octanol / water at 20°C	: No data available.
Solubility	: 13 - 14
Viscosity at 40°C [mm ² /s]	: N/A

Section 10: Stability and Reactivity Data

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

10.4. Conditions to avoid

Section 10: Stability and Reactivity Data (Continued)

Conditions to avoid : Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

Section 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

- **Inhalation :** Based on available data, the classification criteria are not met.
- **Dermal :** Based on available data, the classification criteria are not met.
- **Ingestion :** Based on available data, the classification criteria are not met.

Corrosion : Causes severe skin burns and eye damage. Causes serious eye damage.

Irritation : Based on available data, the classification criteria are not met.

Sensitization : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Toxic for reproduction : Based on available data, the classification criteria are not met.

STOT-single exposure : Based on available data, the classification criteria are not met.

STOT-repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

Section 12: Ecological Information

12.1. Toxicity

Toxicity information : Not established.

Section 12: Ecological Information (Continued)

12.2. Persistence – degradability

Persistence - degradability : Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

Section 13: Disposal Considerations

13.1. Waste treatment methods

General : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Section 14: Transport Information

14.1. Land transport (ADR-RID)

Proper shipping name	: SODIUM HYDROXIDE, SOLID
UN N°	: 1823
H.I. nr	: 80
ADR - Class	: 8
Labelling - Transport	: 8 : Corrosive substance.
ADR – Group	: II

14.2. Sea transport (IMDG) [English only]

Proper shipping name	: SODIUM HYDROXIDE, SOLID
UN N°	: 1823
IMO-IMDG - Class or division	: 8 : Corrosive substance.
IMO-IMDG - Packing group	: II

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name	: SODIUM HYDROXIDE, SOLID
UN N°	: 1823
IATA - Class or division	: 8 : Corrosive substance.
IATA - Packing group	: II

Section 15: Other Regulatory Information

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

Safety, health and environmental : Ensure all national/local regulations are observed.
regulations/legislation specific for the substance or mixture

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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