

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

MATERIAL SAFETY DATA SHEET (MSDS)

SODIUM HYDROXIDE PELLETS AR

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : SODIUM HYDROXIDE PELLETS AR

Product code : S0188600500

Identification of the product : Hidróxido de sodio
 CAS No: 1310-73-2

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

Use : Industrial. For professional use only.

1.3. Details of the supplier of the safety data sheet

Company identification : SUVCHEM
 Chaitanya Tower, 2nd Floor, Office # 206,
 Siddharth Nagar, S.V. Road,
 Goregaon (West), Mumbai - 400062,
 Maharashtra, India.
 Contact: +91 22 28725393 / 94 / 95
 Email ID: info@suvchem.com/care@suvchem.com

1.4. Emergency telephone number

Phone no. : + 91 22 28725393 / 94 / 95 (9:00am - 6:00 pm) [Office hours]

2. Hazards identification -DSD

2.1. 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 : Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A) H314

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

Symbol(s)



CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

MATERIAL SAFETY DATA SHEET (MSDS)

SODIUM HYDROXIDE PELLETS AR

2. Hazards identification -DSD (continued)

Symbol(s) : C : Corrosive
R Phrase(s) : R35 : Causes severe burns.
S Phrase(s) : 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)

Hazard pictograms



Signal words : Danger
Hazard statements : H314 : Causes severe skin burns and eye damage.
Precautionary statements
 • **Prevention** : P280: Wear protective gloves, protective clothing, eye protection, face protection.
 P260: Do not breathe dust, fume, gas, mist, vapours, spray.
 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

2.3. 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.

3. Composition/information on ingredients

Substance / Preparation : Hidróxido de sodio

Substance.

| Substance name | Contents | CAS No | EC No | Annex No | REACH Ref. | Classification |
|--------------------|----------|-----------|-------|----------|------------|--------------------------------|
| Hidróxido de sodio | 100 % | 1310-73-2 | ---- | ---- | ---- | C; R35 Skin Corr. 1A _ H314 |

MATERIAL SAFETY DATA SHEET (MSDS)
SODIUM HYDROXIDE PELLETS AR
3. Composition/information on ingredients (continued)

Contains no other components or impurities which will influence the classification of the product.

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. Do NOT induce vomiting. Rinse mouth. |

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).

5. Fire-fighting measures
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. |

MATERIAL SAFETY DATA SHEET (MSDS)
SODIUM HYDROXIDE PELLETS AR
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

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.

7.3. Specific end use(s)

Specific end use(s) : None.

8. Exposure controls/personal protection
8.1. Exposure controls

MATERIAL SAFETY DATA SHEET (MSDS)
SODIUM HYDROXIDE PELLETS AR
8. Exposure controls/personal protection (continued)

| | |
|--------------------------|---|
| Personal protection | : Avoid all unnecessary exposure. |
| • Respiratory protection | : Wear approved mask. |
| • Hand protection | : Wear protective gloves. |
| • Skin protection | : Wear suitable protective clothing. |
| • 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. |
|------------------------------|----------------------|

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 |
| Odour threshold | : No data available. |
| pH value | : No data available. |
| Melting point [°C] | : 318 °C |
| Decomposition point [°C] | : N/A |
| Critical temperature [°C] | : N/A |
| Auto-ignition temperature [°C] | : N/A |
| 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/cm3] | : 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. |

CHAITANYA CHS, 2nd FLOOR, OFFICE # 206, SIDDHARTH NAGAR, S.V.ROAD, GOREGAON (W), MUMBAI 400062, MH, INDIA.
 CONTACT: +9122 28725393 /94/ 95 | EMAILID: CARE@SUVCHEM.COM

MATERIAL SAFETY DATA SHEET (MSDS)

SODIUM HYDROXIDE PELLETS AR

9. Physical and chemical properties (continued)

Solubility : 13 - 14
 Viscosity at 40°C [mm²/s] : N/A

9.2. Other information

Explosive properties : N/A
 Explosion limits - upper [%] : N/A
 Explosion limits - lower [%] : N/A
 Oxidising properties : No data available.

10. Stability and reactivity

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

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.
 Thermal decomposition generates : Corrosive vapours.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

MATERIAL SAFETY DATA SHEET (MSDS)

SODIUM HYDROXIDE PELLETS AR

11. Toxicological information (continued)

| | |
|------------------------|---|
| • 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. |
| 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. |

12. Ecological information

12.1. Toxicity

Toxicity information : Not established.

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.

13. Disposal considerations

13.1. Waste treatment methods

MATERIAL SAFETY DATA SHEET (MSDS)
SODIUM HYDROXIDE PELLETS AR
13. Disposal considerations (continued)

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.

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 - Classification code : C6
ADR - Group : II
ADR - Packing instructions : P002
ADR - Limited Quantity : 1 KG
ADR - Tunnel code



: E : Passage forbidden through tunnels of category E.

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
IMO-IMDG - Packing instructions : P002
IMO-IMDG - Limited quantities : 1 kg
IMO-IMDG - Marine pollution : No
EMS-Nr : F-A S-B

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

MATERIAL SAFETY DATA SHEET (MSDS)
SODIUM HYDROXIDE PELLETS AR
14. Transport information (continued)

| | |
|--|----------------------------|
| Proper shipping name | : SODIUM HYDROXIDE, SOLID |
| UN N° | : 1823 |
| IATA - Class or division | : 8 : Corrosive substance. |
| IATA - Packing group | : II |
| IATA - Passenger and Cargo Aircraft | : ALLOWED |
| - Passenger and Cargo - Packing instruction | : 859 |
| - Passenger and Cargo - Maximum Quantity/Packing | : 15 kg |
| IATA - Cargo only | : ALLOWED |
| - Cargo only - Packing instruction | : 863 |
| - Cargo only - Maximum Quantity/Packing | : 50 kg |
| IATA - Limited Quantities | : 5 kg |
| ERG-Nr | : 8L |

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

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

16. Other information

| | |
|--|--|
| Revision | : Revision - See : * |
| Abbreviations and acronyms | : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative |
| Sources of key data used | : 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 |
| List of relevant R phrases (heading 3) | : R35 : Causes severe burns. |
| List of full text of H-statements in section 3 | : H314 : Causes severe skin burns and eye damage. |

MATERIAL SAFETY DATA SHEET (MSDS)

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

DISCLAIMER:

- **SUVCHEM** Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- **SUVCHEM** shall not be responsible for any damage resulting from handling or from contact with the above product.
- **SUVCHEM** provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

End of document