

Offer Sheet

Product	98.9% solid Sodium Hydroxide pellets with original Chemtrade COA
Quantity	107 fiber drums
Net weight	12,529 lbs.
Availability	Spot load
Location	Chicago, IL
Manufactured	
Date	9/21/26
COA & SDS	See below



If interested, please call or text:

Brian Svrusis

Solvent Systems International
70 King St.

Elk Grove Village, IL 60007

847-323-6718 call or text

Click here for: [Surplus Inventory](#)

Solvent-Systems.com



CHEMTRADE

CERTIFICATE OF ANALYSIS

500 N. 9th St.
Midlothian, TX 76065

Product:	Sodium Hydroxide (NaOH) Pellets Reagent			NF Grade
Lot No.	NP20248		Date of Manufacture:	01-Dec-2020
Date of Analysis:	08-Dec-2020		Expiration Date:	Dec-2023
Code No.:	1152254	AbbVie Code:	65583	AbbVie PO No.: 4300147184
Note: This certificate is a declaration of analysis at time of manufacture				
ANALYSIS		SAMPLE RESULTS		SPEC LIMITS
Description		Passes		White or nearly white pellets, flakes, sticks, fused masses or other forms
Identification:	A	Passes		Meets USP <191>
	B	11.4		11.0 Minimum
Total Alkali (NaOH)		98.9%		95.0% - 100.5%
Sodium Carbonate (Na ₂ CO ₃)		0.43%		< 3.0%
Content of Potassium (K)		<0.1%		NMT 0.5%
Content of Sodium (Na)		55.9%		54.0% - 59.8%
Insoluble matter		Passes		Meets current USP

Attached to: DT-003789389Rakesh Patel 28 April 2021

Rakesh Patel

I-Lot: 010001519976

Batch: 1000433881

NC-Raw Materials Lab

Material:

10028916

Amount:

70 g

Lab Location:

1195_QC-TL60

Storage:

Tight container, cor*

SODIUM HYDROXIDE, NF, PELLETS, CHEM

NC-Raw Materials Lab

GLCA2021008502

Run#:

Misc Raw Material

NP20248



2537956

Verified

By

Andrea Salazar 30 Apr 2021

Andrea Salazar



COPY

QC Approval:

[Signature]

Signature

3-26-21

Date

QA Approval:

[Signature]

Signature

3-26-2021

Date



CHEMTRADE

CERTIFICATE OF ANALYSIS

500 N. 9th St.
Midlothian, TX 76065

Product:	Sodium Hydroxide (NaOH) Pellets Reagent		NF Grade		
Lot No.	NP21158	Date of Manufacture:	06-Oct-2021		
Date of Analysis:	20-Oct-2021	Expiration Date:	Oct-2024		
Code No.:	1152254	Country of Origin:	USA		
AbbVie Code:	65583	AbbVie PO No.:	4300157832		
Note: This certificate is a declaration of analysis at time of manufacture					
ANALYSIS		SAMPLE RESULTS		SPEC LIMITS	
Description		Passes		White or nearly white pellets, flakes, sticks, fused masses or other forms	
Identification:	A	Passes		Meets USP <191>	
	B	11.6		11.0 Minimum	
Total Alkali (NaOH)		99.2%		95.0% - 100.5%	
Sodium Carbonate (Na ₂ CO ₃)		0.35%		< 3.0%	
Content of Potassium (K)		0.02%		NMT 0.5%	
Content of Sodium (Na)		56.2%		54.0% - 59.8%	
Insoluble matter		Passes		Meets current USP	

I-Lot: 010001646933

Batch: 1000482550

Material:

10028916

NC-Raw Materials Lab

Amount:

70 g

Lab Location:

1195_QC-TL60

Storage:

Tight container, cor*

SODIUM HYDROXIDE, NF, PELLETS, CHEM

NC-Raw Materials Lab

GLCA2022000221

Run#:

Misc Raw Material

NP-21158



3104648

Attached to: DT - 004001 G81
Nancy Cottman
NGL - 23 Jan 2022

COPY

VERIFIED
BY:

Richard Herbers 27-Jan-2022

Richard Herbers

QC Approval:

Signature

Date

QA Approval:

Signature

Date

Effective Date: 23-Mar-21

Page 1 of 1
Printed On: 23-Nov-21

Form 131C, Rev 00

Attached to DT-004335514

CERTIFICATE OF ANALYSIS

500 N. 9th St.
Midlothian, TX 76065Vertellus *Recd 10 Feb 2023*
Rakesh Patel

Product:	Sodium Hydroxide (NaOH) Pellets	NF/FCC/EP/JP Grade
Lot No.:	NP22176	Date of Manufacture: 10-Dec-2022
Date of Analysis:	16-Dec-2022	Expiration Date: Dec-2025
Code No.:	1152254	Country of Origin: USA

Note: This certificate is a declaration of analysis at time of manufacture

ANALYSIS	SAMPLE RESULTS	SPEC LIMITS
Description (FCC)	Pass	White or nearly white pellets, flakes, sticks, fused masses or other forms
Appearance of Solution (EP)	Pass	Solution is clear and colorless
Clarity and Color (JP)	Pass	Solution is clear and colorless
Identification (NF):	A	Pass
	B	11.6
Identification (EP):	A (pH)	11.6
	B	Passes test
Identification (JP):	1 (pH)	Passes test
	2	Passes test
Total Alkali (NaOH) – NF	99.3%	95.0% - 100.5%
Assay (EP)	98.9%	97.0% - 100.5%
Assay (JP)	98.9%	95% Minimum
Sodium Carbonate (Na ₂ CO ₃) – NF	0.34%	3.0% Maximum
Sodium Carbonate (Na ₂ CO ₃) – EP	0.39%	2.0% Maximum
Sodium Carbonate (Na ₂ CO ₃) – JP	0.68%	2.0% Maximum
Potassium (K) – JP	Pass	Passes test
Content of Potassium (K) – NF	0.04%	NMT 0.5%
Content of Sodium (Na) – NF	54.1%	54.0% - 59.8%
Chloride (Cl) – EP	16 ppm	200 ppm Maximum
Chloride (Cl) – JP	16 ppm	500 ppm Maximum
Sulphates (EP)	Less than 50 ppm	50 ppm Maximum
Iron (Fe) – EP	Less than 10 ppm	10 ppm Maximum
Insoluble matter (NF/FCC)	Pass	Meets current NF/FCC
¹ Lead (Pb) – FCC	Less than 2 ppm	< 2 ppm (mg/kg)
¹ Heavy Metals (JP)	Less than 30 ppm	30 ppm Maximum
¹ Mercury (Hg) – FCC	Less than 0.1 ppm	< 0.1 ppm (mg/kg)
¹ Mercury (Hg) – JP	Pass	Passes test
¹ Arsenic (As) – FCC	Less than 3 ppm	< 3 ppm (mg/kg)

¹Test performed quarterly. *See attached SAP printout for mfg. batch correction*

QC Approval:

Bhatai Col

Signature

12/19/22

Date

COPY

QA Approval:

Jennifer Kyle

Signature

12/22/22

Date

Effective Date: 23-Mar-21

Page 1 of 1
Printed On: 19-Dec-22Verified By: *LS* 16 Feb 2023

Form 131C, Rev 00

Czarina Veal

Product:	Sodium Hydroxide (NaOH) Pellets		NF/FCC/EP/JP Grade
Lot No.:	NP22104	Date of Manufacture:	08-Jul-2022
Date of Analysis:	18-Aug-2022	Expiration Date:	Jul-2025
Code No.:	1152254	Country of Origin:	USA

Note: This certificate is a declaration of analysis at time of manufacture

ANALYSIS		SAMPLE RESULTS	SPEC LIMITS
Description (FCC)		Pass	White or nearly white pellets, flakes, sticks, fused masses or other forms
Appearance of Solution (EP)		Pass	Solution is clear and colorless
Clarity and Color (JP)		Pass	Solution is clear and colorless
Identification (NF):	A	Pass	Meets USP <191>
	B	11.2	11.0 Minimum
Identification (EP):	A (pH)	11.2	11.0 Minimum
	B	Pass	Passes test
Identification (JP):	1 (pH)	Pass	Passes test
	2	Pass	Passes test
Total Alkali (NaOH) – NF		98.5%	95.0% - 100.5%
Assay (EP)		98.5%	97.0% - 100.5%
Assay (JP)		98.4%	95% Minimum
Sodium Carbonate (Na ₂ CO ₃) – NF		0.4%	3.0% Maximum
Sodium Carbonate (Na ₂ CO ₃) – EP		0.4%	2.0% Maximum
Sodium Carbonate (Na ₂ CO ₃) – JP		0.9%	2.0% Maximum
Potassium (K) – JP		Pass	Passes test
Content of Potassium (K) – NF		0.02%	NMT 0.5%
Content of Sodium (Na) – NF		56.9%	54.0% - 59.8%
Chloride (Cl) – EP		59 ppm	200 ppm Maximum
Chloride (Cl) – JP		59 ppm	500 ppm Maximum
Sulphates (EP)		Less than 50 ppm	50 ppm Maximum
Iron (Fe) – EP		Less than 10 ppm	10 ppm Maximum
Insoluble matter (NF/FCC)		Pass	Meets current NF/FCC
¹ Lead (Pb) – FCC		Less than 2 ppm	< 2 ppm (mg/kg)
¹ Heavy Metals (JP)		Less than 30 ppm	30 ppm Maximum
¹ Mercury (Hg) – FCC		Less than 0.1 ppm	< 0.1 ppm (mg/kg)
¹ Mercury (Hg) – JP		Pass	Passes test
¹ Arsenic (As) – FCC		Less than 3 ppm	< 3 ppm (mg/kg)

¹Test performed quarterly.

 COPY

QC Approval:

Shatan Coh

Signature

7/24/23

Date

QA Approval:

Imyabera

Signature

07/25/23

Date

I-Lot: 010002422029

Batch: 1000639902

Material:

10028916

NC-Raw Materials Lab

Amount:

70 g

Lab Location:

1195_QC-TL60

Storage:

Tight container, cor*

SODIUM HYDROXIDE, NF, PELLETS, CHEM

NC-Raw Materials Lab

GLCA2023015060

Run#:

Misc Raw Material



10361982

NP-22104

Jocelyn LaBuda 29SEP2023
Jocelyn LaBuda

Attached to: DT-00459725

Jocelyn LaBuda 29SEP2023

VERIFIED BY

Jacqueline Ortiz 29SEP2023
Jacqueline Ortiz

Safety Data Sheet

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

SECTION 1: Identification

Product identifier

Trade name/designation:	Sodium hydroxide, Pellets, N.F. Multi-Compendial
Product No.:	3718
Synonyms:	none

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

Recommended use	For Laboratory, Research or Manufacturing Use.
Uses advised against	Not determined.

Details of the supplier of the safety data sheet

Supplier

Avantor Performance Materials, LLC.

Street	100 Matsonford Rd, Suite 200
Postal code/City	Radnor, PA 19087, United States
Telephone	+1-855-282-6867
Telefax	+1-610-573-2610

Emergency phone number

Telephone	+1-800-424-9300 (Chemtrec, 24 hrs/day, 7 days/week, USA and Canada)
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Preparation Information

Product Information Compliance

E-mail	SDS@avantorsciences.com
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SECTION 2: Hazard identification

Classification of the substance or mixture

Label elements

Physical hazards

Substance or mixture corrosive to metals, category 1

Health hazards

Skin corrosion, category 1A

Serious eye damage, category 1

Hazard pictograms



Signal word: Danger

Hazard statements

H290 - May be corrosive to metals.

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 hands thoroughly after handling.

P234 - Keep only in original container.

Response:

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363 - Wash contaminated clothing before reuse.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call a POISON CENTER/doctor.

P390 - Absorb spillage to prevent material damage.

Storage:

P405 - Store locked up.

P406 - Store in a corrosion-resistant container with a resistant inner liner.

Disposal:

P501 - Dispose of contents/container to an appropriate treatment or disposal facility in accordance with applicable laws and regulations.

Hazard(s) not otherwise classified (HNOC)

none

SECTION 3: Composition/information on ingredients**Substances**

Substance name:	Sodium hydroxide
Molecular formula:	NaOH
Molecular weight:	40.00 g/mol
CAS No.:	1310-73-2

SECTION 4: First aid measures**General information**

Do not leave affected person unattended. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. When in doubt or if symptoms are observed, get medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. If unconscious but breathing normally, place in recovery position and seek medical advice.

In case of skin contact

Wash off any skin contamination immediately. When in doubt or if symptoms are observed, get medical advice.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. Transport to the ophthalmologist or eye clinic as soon as possible. Continue rinsing with isotonic saline solution during transport, alternatively with water.

In case of ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a POISON CENTER. Let 1 glass of water be drunken in little sips (dilution effect).

Most important symptoms/effects, acute and delayed

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin. After inhalation: May cause respiratory irritation. Cough. In severe cases, pneumonia or a pulmonary oedema may develop. After skin contact: Erythema (Redness). Occurrence of severe chemical burns resembling a burn. After eye contact: Conjunctival oedema (chemosis). Corneal opacity. May cause severe damage with formation of corneal ulcers. After ingestion: Burning/pain and tumescence in the mouth/throat/oesophagus/stomach. Abdominal pain. Nausea. Vomiting. Aspiration hazard.

Indication of any immediate medical attention and special treatment needed

After inhalation: After massive inhalation administration of glucocorticoids (inhalative). If necessary, all further measures for pulmonary edema prophylaxis. Supplemental oxygen supply. Monitoring of respiratory function. After skin contact: Wash with plenty of soap and water. If necessary, treat skin irritations with a dermatocorticoid foam. Severe skin damage is treated in the same way as burns. After eye contact: Rinse immediately carefully and thoroughly with eye-bath or water. Treat symptomatically. After swallowing: Do not induce vomiting. No oral administration of fluids, activated charcoal, or laxatives, no gastric lavage, but aspiration of the fluid from the stomach via a nasogastric tube, avoiding intubation, if this is possible within 60 minutes. Stabilisation

SECTION 5: Fire fighting measures

Extinguishing media

Suitable extinguishing media

ABC-powder
Carbon dioxide (CO₂).
Dry sand
Nitrogen

Extinguishing media which must not be used for safety reasons

Water spray.
Full water jet

Specific hazards arising from the chemical

Non-combustible corrosive substances (liquid).
Serious eye damage/eye irritation.
Substance is non-flammable. Adapt fire and explosion protection measures to the combustible substances in the area.
Fire may produce irritating, corrosive and/or toxic gases.
In case of fire may be liberated:
Sodium oxides

Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
Protective equipment and precautions for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.
Co-ordinate fire-fighting measures to the fire surroundings.
In case of fire: Evacuate area.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Wear personal protection equipment (refer to section 8). Avoid contact with eyes and skin. Do not breathe gas/fume/vapor/spray. Remove victim out of the danger area. Provide adequate ventilation. For emergency responders: Wear a self-contained breathing apparatus and chemical protective clothing. Substance is non-flammable. Adapt fire and explosion protection measures to the combustible substances in the area. In case of major fire and large quantities: Fight fire remotely due to the risk of explosion.

Environmental precautions

Do not allow to enter into surface water or drains. The product is an acid. Before discharge into sewage plants the product normally needs to be neutralised.

Methods and material for containment and cleaning up

Large spills: Dike or dam to contain for later disposal. Stop leak if safe to do so. Take up mechanically, placing in appropriate containers for disposal. Absorb spillage to prevent material damage. Small spills: Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Rinse affected areas with water. Ventilate affected area. Dispose according to legislation.

Additional information

Personal protection equipment (PPE): see section 8 Disposal information: see section 13

SECTION 7: Handling and storage

Precautions for safe handling

Advices on safe handling

Wear personal protection equipment (refer to section 8).

Avoid contact with eyes and skin.

Avoid inhalation of the product.

Use extractor hood (laboratory).

Provide adequate ventilation.

Measures to prevent fire, aerosol and dust generation

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Take precautionary measures against static discharges.

Measures required to protect the environment

Due to danger of explosion, prevent leakage of vapors into cellars, flues and ditches.

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

Conditions for safe storage, including any incompatibilities

Recommended storage temperature: 15°C – 25°C or 30°C depending on climatic conditions.

Storage: Store in a dry place. Store in a closed container. Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Hygroscopic. Packaging materials: Polyethylene Unsuitable materials and coatings of containers/equipment: Aluminium Zinc

SECTION 8: Exposure controls/personal protection

Control parameters

Ingredient (Designation)	Source	Country	parameter	Limit value
Sodium hydroxide	NIOSH	US	STV	2 mg/m ³
Sodium hydroxide	OSHA	US	LTV	2 mg/m ³

Engineering controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment. If handled uncovered, arrangements with local exhaust ventilation have to be used.

Personal protection equipment (PPE)

Wear suitable protective clothing. When handling with chemical substances, protective clothing must be worn.

Eye/face protection

Eye glasses with side protection

Skin protection

Wear suitable gloves. When handling with chemical substances, protective gloves must be worn. In the case of wanting to use the gloves again, clean them before taking off and air them well. Check leak tightness/impermeability prior to use.

By short-term hand contact

Suitable material:	NBR (Nitrile rubber)
Thickness of the glove material:	0,12 mm
Breakthrough time	< 480 min min

By long-term hand contact

Suitable material:	Butyl caoutchouc (butyl rubber)
Thickness of the glove material:	0,30 mm
Breakthrough time	> 480 min

Respiratory protection

Usually no personal respirative protection necessary. Required when dusts are generated. Wear respiratory protection.

Additional information

Wash hands before breaks and after work. Avoid contact with eyes and skin. When using do not eat, drink or smoke. Provide eye shower and label its location conspicuously.

Environmental exposure controls

no data available

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

- | | |
|---------------------|-------------------|
| (a) Appearance | |
| Physical state: | solid |
| Color: | white |
| (b) Odor: | |
| | no data available |
| (c) Odor threshold: | |
| | no data available |

Safety relevant basic data

- | | |
|--|--------------------------------------|
| (d) pH: | 14 (50 g/l; H ₂ O; 20 °C) |
| (e) Melting point/freezing point: | 323 °C |
| (f) Initial boiling point and boiling range: | 1390 °C (1013 hPa) |
| (g) Flash point: | no data available |
| (h) Evaporation rate: | no data available |
| (i) Flammability (solid, gas): | Not applicable |
| (j) Flammability or explosive limits | |
| Lower explosion limit: | no data available |
| Upper explosion limit: | no data available |
| (k) Vapor pressure: | 1 mmHg (739 °C) |
| (l) Vapor density: | no data available |
| (m) Density: | 2.13 g/cm ³ (20 °C) |
| (n) Solubility(ies) | |
| Water solubility: | 1,090 g/l (20 °C) |
| Soluble (g/L) in Ethanol: | no data available |
| (o) Partition coefficient: n-octanol/water: | no data available |
| (p) Auto-ignition temperature: | no data available |
| (q) Decomposition temperature: | Not applicable |
| (r) Viscosity | |
| Kinematic viscosity: | no data available |
| Dynamic viscosity: | no data available |
| (s) Explosive properties: | Not applicable |
| (t) Oxidising properties: | Not applicable |

Other information

- | | |
|------------------------|------------------------|
| Bulk density: | no data available |
| Refraction index: | 1.412 (589 nm; 420 °C) |
| Dissociation constant: | no data available |
| Surface tension: | no data available |
| Henry's Law Constant: | no data available |

SECTION 10: Stability and reactivity

Reactivity

- Reactive substance.
- Corrosive to metals

Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

Hygroscopic.

Possibility of hazardous reactions

Violent reaction with:

Water.

Acetone

Alkali (lye)

light metals

The product develops hydrogen in an aqueous solution in contact with metals.

May cause strong formation of hydrogen by contact with amphoteric metals (e.g. alumina, lead, zinc) - danger of explosion.

Exothermic reaction with:

Water.

Substance, organic

Conditions to avoid

Humidity

Incompatible materials:

Metal.

Hazardous decomposition products

Decomposition products in case of fire: see section 5.

SECTION 11: Toxicological information
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Information on toxicological effects**Acute effects**

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Irritant and corrosive effects:

Primary irritation to the skin:

Causes severe skin burns and eye damage.

Irritation to eyes:

Causes serious eye damage.

Irritation to respiratory tract:

Not applicable

Respiratory or skin sensitization

In case of skin contact: not sensitizing

In case of inhalation: not sensitizing

STOT-single exposure

Not applicable

STOT-repeated exposure

Not applicable

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**Carcinogenicity**

No indication of human carcinogenicity.

IARC Monographs on the Identification of Carcinogenic Hazards to Humans:

Not listed

Occupational Safety and Health Administration (OSHA, 29 CFR Part 1910.1003):

Not listed

National Toxicology Program (NTP) Report:

Not listed

Germ cell mutagenicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

No indications of human reproductive toxicity exist.

Aspiration hazard

Not applicable

Other adverse effects

no data available

SECTION 12: Ecological information

Ecotoxicity**Fish toxicity:**

LC50: 196 mg/l (96 h) - Adema, D.M.M. 1985. Aquatic Toxicity of Compounds that may be Carried by Ships (Marpol 19733 Annex II). A Progress Report for 1985. Tech.Rep.No.R85/217, TNO, The Hague, Netherlands :40 p.

Daphnia toxicity:

EC50: 40.4 mg/l (48 h) - Warne, M.S.J., and A.D. Schifko 1999. Toxicity of Laundry Detergent Components to a Freshwater Cladoceran and Their Contribution to Detergent Toxicity. Ecotoxicol.Environ.Saf. 44(2):196-206

Algae toxicity:

no data available

Bacteria toxicity:

no data available

Persistence and degradability

no data available

Bioaccumulative potential

Partition coefficient: n-octanol/water: no data available

Mobility in soil:

no data available

Other adverse effects

no data available

SECTION 13: Disposal considerations**Waste treatment methods****Appropriate disposal / Product**

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal. Waste requires monitoring. Send to a hazardous waste incinerator facility under observation of official regulations.

Appropriate disposal / Package

Dispose according to legislation. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (DOT)**

UN-No.:	UN1823
Proper Shipping Name:	SODIUM HYDROXIDE, SOLID
Class(es):	8
Hazard label(s):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	

Sea transport (IMDG)

UN-No.:	1823
Proper Shipping Name:	SODIUM HYDROXIDE, SOLID
Class(es):	8
Hazard label(s):	8
Packing group:	II
Environmental hazards:	No
Marine pollutant:	No
Special precautions for user:	
Segregation group:	18
EmS-No.	F-A S-B
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	not relevant

Air transport (ICAO-TI / IATA-DGR)

UN-No.:	1823
Proper Shipping Name:	SODIUM HYDROXIDE, SOLID

Class(es):	8
Classification code:	
Hazard label(s):	8
Packing group:	II
Special precautions for user:	

SECTION 15: Regulatory information

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

National regulations

Toxic Substances Control Act (TSCA)

Listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

SARA 313 Components

Not listed.

US State Regulations

Massachusetts Right To Know Components

Listed

Pennsylvania Right To Know Components

Listed

New Jersey Right To Know Components

Listed

California Prop. 65 Components

Not listed.

SECTION 16: Other information

Abbreviations and acronyms

ACGIH - American Conference of Governmental Industrial Hygienists
DOT - Department of Transportation
IARC - International Agency for Research on Cancer
IATA-DGR - International Air Transport Association-Dangerous Goods Regulations
ICAO-TI - International Civil Aviation Organization-Technical Instructions
IMDG - International Maritime Code for Dangerous Goods
LTV - Long Term Value
NIOSH - National Institute for Occupational Safety and Health
NTP - National Toxicology Program
OSHA - Occupational Safety & Health Administration
PBT - Persistent, Bioaccumulative and Toxic
PEL - Permissible Exposure Limit
STV - Short Term Value
SVHC - Substances of Very High Concern
TDG - Transport of Dangerous Goods
TLV - Threshold Limit Value
vPvB - very Persistent, very Bioaccumulative

Key literature references and sources for data

This Safety Data Sheet has been prepared based on information available for public as TOXNET information, European Chemicals Agency (ECHA) substance dossier, papers from international cancer research institutes (IARC Monographs), U.S. National Toxicology Program data, U.S. Agency for Toxic Substances and Disease Control (ATSDR), PubChem websites and SDS from our raw material manufacturers.

Revision date	Version	Print date
02.04.2025	2.2	2025-04-02

Additional information

Indication of changes:

general update

If you need an explanation of the change, contact the supplier (SDS@avantorsciences.com).

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