The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Tuesday, February 18, 2025** at 12:15 a.m. Eastern Time. Please contact NSF to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=Brenntag+Pacific%2C+Inc%2E&ChemicalName=Sodium+Hydroxide&PlantState=California+CA&PlantCountry=UNITED+STATES&

NSF/ANSI/CAN 60
Drinking Water Treatment Chemicals - Health Effects

Brenntag Pacific, Inc.

10747 Patterson Place
Santa Fe Springs, CA 90670
United States
323-562-9500
Visit this company's website (http://www.brenntag.com/north-america/en/about-brenntag/regional-capabilities/brenntag-pacific/index.jsp)

Facility : Fresno, CA

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Caustic Soda Solution, 25%[4]	Corrosion & Scale Control pH Adjustment	200mg/L
Caustic Soda Solution, 30%[4]	Corrosion & Scale Control pH Adjustment	165mg/L

Caustic Soda Solution, 50%[4]	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 20%[4]	Corrosion & Scale Control pH Adjustment	250mg/L
Sodium Hydroxide Solution, 25%[4]	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide Solution, 30%[4]	Corrosion & Scale Control pH Adjustment	165mg/L
Sodium Hydroxide Solution, 50%[4]	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide, 25%[4]	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide, 30%[4]	Corrosion & Scale Control pH Adjustment	165mg/L
Sodium Hydroxide, 50%[4]	Corrosion & Scale Control pH Adjustment	100mg/L

[4] Trade designation may be followed by a three digit alpha suffix to designate the chlor-alkali electrolytic cell category/grade.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Richmond, CA

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Caustic Soda Solution, 50%[5]	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide 20%[5]	Corrosion & Scale Control pH Adjustment	250mg/L
Sodium Hydroxide 25%[5]	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide 30%[5]	Corrosion & Scale Control pH Adjustment	167mg/L
Sodium Hydroxide Solution, 50%[5]	Corrosion & Scale Control pH Adjustment	100mg/L

Sodium Hydroxide, 50%[5]	Corrosion & Scale Control pH Adjustment	100mg/L

[5] Trade designation may be followed by a three digit alpha suffix to designate the chlor-alkali electrolytic cell category/grade.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : South Gate, CA

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Sodium Hydroxide 15%[6]	pH Adjustment Corrosion & Scale Control	250mg/L
Sodium Hydroxide 15% Solution[6]	pH Adjustment Corrosion & Scale Control	250mg/L
Sodium Hydroxide Solution, 20%[6]	Corrosion & Scale Control pH Adjustment	250mg/L
Sodium Hydroxide Solution, 25%[6]	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide Solution, 30%[6]	Corrosion & Scale Control pH Adjustment	167mg/L
Sodium Hydroxide Solution, 50%[6]	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide, 20%[6]	Corrosion & Scale Control pH Adjustment	250mg/L
Sodium Hydroxide, 25%[6]	Corrosion & Scale Control pH Adjustment	200mg/L
Sodium Hydroxide, 30%[6]	Corrosion & Scale Control pH Adjustment	167mg/L
Sodium Hydroxide, 50%[6]	Corrosion & Scale Control pH Adjustment	100mg/L

[6] Trade designation may be followed by a three digit alpha suffix to designate the chlor-alkali electrolytic cell category/grade.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Facility : Wilmington, CA

Sodium Hydroxide

Trade Designation	*Product Function*	*Max Use*
Sodium Hydroxide 50%[1]	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide Solution[1]	Corrosion & Scale Control pH Adjustment	100mg/L

[1] Trade designation may be followed by a three digit alpha suffix to designate the chlor-alkali electrolytic cell category/grade.

NOTE: Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified.

Number of matching Manufacturers is 1

Number of matching Products is 28

Processing time was 0 seconds

Brenntag Pacific, Inc.

BRENNTAG

Certificate of Analysis

Sodium Hydroxide 20%

Date: 11/01/2018

Lot No.: SG-471063

Tests	Results
Appearance:	Clear Colorless Liquid
Specific Gravity @ 20^0C:	1.223
% NaOH:	20.05

Approved By: Nader G. L. Louca
Nader Louca
Quality Control Chemist

Brenntag Pacific, Inc.
4545 Ardine Street
South Gate, CA 90280

Telephone: (323) 832-5000
Fax: (323) 773-0909

QA QUALITY ASSURANCE

Brenntag Pacific, Inc.

BRENNTAG

NSF
Certified to NSF/ANSI 60

Certificate of Analysis

Sodium Hydroxide 25%

Date: 02/15/2023

Lot No.: SG-611462

Tests	Results
Appearance:	Clear Colorless Liquid
Specific Gravity @ 20^0C:	1.276
% NaOH:	25.16
% Na_2O:	19.50

Maximum use level 200 mg/L

Approved By: Nader G. L. Louca
Nader Louca
Quality Control Chemist

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QA
QUALITY ASSURANCE

Brenntag Pacific, Inc.

BRENNTAG

Certificate of Analysis

Sodium Hydroxide 30%

Date: 02/16/2023

Lot No.: SG-611510

Tests	Results
Appearance:	Clear Colorless Liquid
Specific Gravity @ 20^0C:	1.327
% Sodium Hydroxide:	29.84

Approved By: Nader G. L. Louca
Nader Louca
Quality Control Chemist

Brenntag Pacific, Inc.
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QA
QUALITY ASSURANCE

Brenntag Pacific, Inc.

BRENNTAG

NSF Certified to NSF/ANSI 60

Certificate of Analysis

Sodium Hydroxide 50% Membrane

Date: 02/22/2023

Manufacturing Date: 02/15/2023

Expiration Date: 02/15/2026

Lot No.: WMT-350376-1

Tests	Specifications	Results
Sodium Hydroxide (NaOH), Wt%	48.50 – 51.00	48.66 %
Total Alkalinity as Na_2O, Wt%	37.59 -39.52	37.70 %

	Wt %	ppm	
Sodium Carbonate (Na_2CO_3), Max	0.15	1500	0.05 %
Sodium Chloride (NaCl), Max	0.01	100	17 ppm
Sodium Chlorate ($NaClO_3$)	---	---	22 ppm
Sodium Sulfate (Na_2SO_4), Max	0.008	80	39 ppm
Iron (Fe), Max	0.005	5.0	0.40 ppm
Specific Gravity @ 60/60 °F			1.519

Maximum use level 100 mg/L

Brenntag Pacific, Inc.
4545 Ardine Street
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QA QUALITY ASSURANCE

BRENNTAG

SAFETY DATA SHEET

1. Identification

Other means of identification	None known.
Product identifier	**SODIUM HYDROXIDE 50% DIA**
Recommended use	ALL PROPER AND LEGAL PURPOSES
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name	Brenntag Pacific Inc.
Address	10747 Patterson Place Santa Fe Springs, CA 90670
Telephone	562-903-9626
E-mail	Not available.
Emergency phone number	800-424-9300 CHEMTREC

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Acute toxicity, oral	Category 3
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements

Signal word	Danger
Hazard statement	Toxic if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. May cause respiratory irritation.

Precautionary statement

Prevention	Avoid breathing mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Immediately call a poison center/doctor. Rinse mouth. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
SODIUM HYDROXIDE (NA(OH))		1310-73-2	50 - 60

4. First-aid measures

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

Skin contact
Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.

Eye contact
Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.

Ingestion
Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

Most important symptoms/effects, acute and delayed
Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Indication of immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media
Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical
During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions
Move containers from fire area if you can do so without risk.

Specific methods
Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards
No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling
Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid breathing mist/vapors. Avoid prolonged exposure. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	PEL	2 mg/m3

US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m3

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	IDLH	10 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

Components	Type	Value
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)	Ceiling	2 mg/m3

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment

The following are recommendations for Personnel Protective Equipment (PPE). The employer/user of this product must perform a Hazard Assessment of the workplace according to OSHA regulations 29 CFR 1910.132 to determine the appropriate PPE for use while performing any task involving potential exposure to this product.

Eye/face protection Wear safety glasses with side shields (or goggles) and a face shield.

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection Chemical respirator with organic vapor cartridge.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Liquid.

Color CLEAR

Odor ODORLESS

Odor threshold Not available.

pH 14
14

Melting point/freezing point 41 °F (5 °C)

Initial boiling point and boiling range 1371.2 °F (744 °C) estimated

Flash point Not available.

Evaporation rate Not available.

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	12.76 lbs/gal 1.53 g/ml
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Percent volatile	50 % estimated
Specific gravity	1.53

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong acids.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system. Prolonged inhalation may be harmful.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.
Ingestion	Toxic if swallowed. Causes digestive tract burns.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause respiratory irritation.

Information on toxicological effects

Acute toxicity	In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Toxic if swallowed.

Product	Species	Test Results
SODIUM HYDROXIDE 50% DIA		
Acute		
Dermal		
ATEmix		2700 mg/kg bw
Oral		
ATEmix		280 mg/kg bw

Components	Species	Test Results
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)		
Acute		
Dermal		
LD50	Rabbit	1350 mg/kg
Oral		
LD50	Rat	140 - 340 mg/kg

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye irritation Causes serious eye damage.

Respiratory or skin sensitization

Respiratory sensitization Due to partial or complete lack of data the classification is not possible.

Skin sensitization Due to partial or complete lack of data the classification is not possible.

Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible.

Carcinogenicity Due to partial or complete lack of data the classification is not possible.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Due to partial or complete lack of data the classification is not possible.

Specific target organ toxicity - single exposure May cause respiratory irritation.

Specific target organ toxicity - repeated exposure Due to partial or complete lack of data the classification is not possible.

Aspiration hazard Due to partial or complete lack of data the classification is not possible.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)			
Aquatic			
Acute			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/l, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	125 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D002: Waste Corrosive material [pH ≤2 or =>12.5, or corrosive to steel]
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number	UN1824
UN proper shipping name	SODIUM HYDROXIDE SOLUTION RQ
Transport hazard class(es)	
Class	8
Subsidiary hazard	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Transport information on packaging may be different from that listed. Transportation information on packaging may be different from that listed.

DOT

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

SODIUM HYDROXIDE (NA(OH)) (CAS 1310-73-2)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 05-04-2016

Revision date 01-18-2024

Version # 53

HMIS® ratings Health: 3
Flammability: 0
Physical hazard: 0

NFPA ratings Health: 3
Flammability: 0
Instability: 1

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