

Safety Data Sheet (SDS)

Section 1: Chemical Product and Company Identification

Cat# : 6001, 6002, 6003, 6055

Part Name: Contrad NF

Supplier: Decon Laboratories Inc.

460 Glennie Circle King of Prussia, Pa 19406
SDS Telephone # (610) 755-0800

Emergency Telephone Numbers

US Chemtrec: (800) 424-9300

Canada: (703) 527-3887

Identified uses: Laboratory use

Section 2: Hazards Identification:

Hazard Overview

Causes skin and eye burns

GHS Classification

Serious Eye Damage Cat 1C, Skin Corrosion Cat 1C, Eye Irritation Cat 2B

Signal Word: DANGER



Hazard and Precautionary Statements

H314 Causes severe skin burns and eye damage
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P280A Wear Protective Gloves
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES: Separate eyelids with finger tips.
P315 Get immediate medical advice/attention
P351 Rinse cautiously with water for several minutes.

NFPA Rating

Hazard Ratings:

These ratings are Decon Laboratories Inc.'s own assessments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and list 49).

Safety Data Sheet (SDS)

If no data is listed the information is not available

Health 3 Flammability 0 Reactivity 0

Section 3: Composition/ Information on ingredients

Note: Items listed with a CASRN number have no CAS# available

| Item# | Name | EINECS | CAS # | % in Product |
|-------|-------------------------------|-----------|------------|--------------|
| 1 | 2-Propenoic acid, homopolymer | Unknown | 0009003014 | 0 - 5 |
| 2 | Gluconic acid | 208-401-4 | 0000526954 | 0 - 5 |
| 3 | Sodium hydroxide | 215-185-5 | 0001310732 | 31 - 40 |
| 4 | Water | 231-791-2 | 0007732185 | 61 - 70 |

Section 4: First Aid Measures

Contact medical personnel immediately
Flush eyes with flowing water for at least 15 minutes.
If swallowed, wash out mouth with water if person is conscious.
Separate eyelids with finger tips.
Wash skin with deluge of water for at least 15 minutes.

Section 5: Fire-Fighting Measures

Flash Point, deg. F: Not flammable Method: nap
UEL: nap LEL: nap Autoignition temperature, deg. F: nap
Flammability Classification: nap Flame Propagation Rate: nap
Hazardous Combustion Products: nap

Section 6: Accidental Release measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorbs liquids on absorbent material.
Contain spilled liquids.
Protect personnel from exposure.

Section 7: Handling and Storage

Store at room temperature

Safety Data Sheet (SDS)

Section 8: Exposure Controls/ Personal Protection

OSHA (ACGIH) Exposure Limits

| | | TWA | | STEL | | CEILING | |
|------------------|----------------|----------------|-----|------|-----|---------|-----|
| | | ppm | mg/ | ppm | mg/ | ppm | mg/ |
| CAS # 0000526954 | IDLH: NE | | | | | | |
| OSHA | | NE | NE | NE | NE | NE | NE |
| ACGIH | | NE | NE | NE | NE | NE | NE |
| CAS # 0001310732 | IDLH: 10 mg/m3 | | | | | | |
| OSHA | | Not classified | 2 | - | - | - | - |
| ACGIH | | - | - | - | - | - | 2 |
| CAS # 0007732185 | IDLH: NE | | | | | | |
| OSHA | | NE | NE | NE | NE | NE | NE |
| ACGIH | | NE | NE | NE | NE | NE | NE |
| CAS # 0009003014 | IDLH: NE | | | | | | |
| OSHA | | NE | NE | NE | NE | NE | NE |
| ACGIH | | NE | NE | NE | NE | NE | NE |

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product. Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Section 9: Physical and Chemical Properties

| | | | |
|-----------------|---------|-------------------|------|
| Formula: | No data | Vapor Pressure: | Nap |
| Formula weight: | No data | Vapor Density: | Nap |
| Boiling Point: | 255°F | Specific Gravity: | 1.37 |
| Melting Point: | 46°F | pH: | >13 |

Safety Data Sheet (SDS)

Solubility: Miscible

Appearance: Liquid

Section 10: Stability and Reactivity:

Chemical Stability: Stable

Conditions to Avoid: None

Incompatibility with other materials: Acids

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Section 11: Toxicological Information

Acute Data: sodium hydroxide LD50 acute dermal
rabbit 1350 mg/kg

Subchronic Data: No data

Section 12: Ecological Information

Moderately toxic to aquatic and terrestrial organisms because of its corrosive nature and tendency to reduce pH in an aquatic environment.

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

| CAS # | Waste Code | Regulated Name |
|------------|------------|----------------|
| 0000526954 | not listed | not listed |
| 0001310732 | not listed | not listed |
| 0007732185 | not listed | not listed |
| 0009003014 | not listed | not listed |

Section 14: Transportation Information

Proper Shipping Name: SODIUM HYDROXIDE
SOLUTION

Safety Data Sheet (SDS)

Chemical Name:

UN # UN1824

Class 8

Packing Group: II

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

| CAS# | Column A | Column B |
|------------|----------|----------|
| 0000526954 | no | no |
| 0001310732 | no | no |
| 0007732185 | no | no |
| 0009003014 | no | no |

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#

| | |
|------------|------------|
| 0000526954 | Not listed |
| 0001310732 | Not listed |
| 0007732185 | Not listed |
| 0009003014 | Not listed |

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

| CAS# | Regulated Name | De minimus conc. % | Rep Thres. |
|------------|----------------|--------------------|------------|
| 0000526954 | Not Listed | Not Listed | Not Listed |
| 0001310732 | Not Listed | Not Listed | Not Listed |
| 0007732185 | Not Listed | Not Listed | Not Listed |
| 0009003014 | Not Listed | Not Listed | Not Listed |

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

| CAS# | Regulated Name | TPQ (pounds) | EHS RQ (pounds) |
|------|----------------|--------------|-----------------|
|------|----------------|--------------|-----------------|

Safety Data Sheet (SDS)

| | | | |
|------------|------------|------------|------------|
| 0000526954 | Not Listed | Not Listed | Not Listed |
| 0001310732 | Not Listed | Not Listed | Not Listed |
| 0007732185 | Not Listed | Not Listed | Not Listed |
| 0009003014 | Not Listed | Not Listed | Not Listed |

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

| CAS# | Regulated Name | RQ (pounds) |
|------------|------------------|-------------|
| 0000526954 | Not listed | Not listed |
| 0001310732 | Not listed | Not listed |
| 0001310732 | Sodium hydroxide | 1,000 |
| 0007732185 | Not listed | Not listed |
| 0009003014 | Not listed | Not listed |

Section 16: Other Information

Date of Issue: 12/01/1995

Date of Revision: 12/31/2021R

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End of Safety Data Sheet