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).

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 mintues.
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

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. Permiation 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

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

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)

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

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End of Safety Data Sheet