

Material Safety Data Sheet

(MSDS)

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SECTION 1 - MANUFACTURER INFORMATION

Manufacturer Name:	Decon Laboratories, Inc.	
Trade Name:	Contrad® NF	Emergency Telephone U.S.: (800) 424-9300 Canada: (703) 527-3887
Chemical Name or Synonym:	N/A	Info Telephone: 610-755-0800
Mfg. Address:	460 Glennie Circle	
City:	King of Prussia	State, Zip: PA 19406

SECTION II - HAZARDOUS INGREDIENTS

CAS Number	Chemical Name	Percent	PEL	C	S	TLV	C	S	Units	313?
1310-73-2	Sodium Hydroxide	35	2			2	C		mg/m3	N
9003-01-4	Polyacrylic acid polymer	<5				2			ppm	N

CAS Numbers beginning with letters are codes for items with no valid CAS assignments; "PEL" is OSHA Permissible Exposure Limit; "C" indicates the standard is a Ceiling value; "S" indicates the chemical has a "Skin Contact" notation; "TLV" is Threshold Limit Value; "313" indicates ingredient is reportable under SARA Title III, Section 313. NA-Not Applicable; NE-Not Established; UN-Unknown

Additional Information: Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)

SECTION III - PHYSICAL DATA

Boiling Point (°F):	>212	Specific Gravity:	1.37
Vapor Pressure (mm of Hg):	<18	% Volatiles:	>57
Vapor Density (Air=1):	<1	pH:	14 (conc)
Solubility:	Complete	Evaporation Rate:	<1 BuAc = 1
Appearance:	Liquid; odorless.		

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point:	N/A	LEL:	NA	UEL:	NA
Extinguishing Media:	Use media suitable for surrounding materials.				
Special Procedures:	No special procedures required.				
Unusual Fire / Expl Hazards:	Strongly reactive with acids, oxidizers.				

Additional Information:

Hazard Ratings

HMIS: Health = 2 Flammability = 0 Reactivity = 0 Personal Protection = B
NFPA: Health = 2 Flammability = 0 Reactivity = 0

Contrad® NF**SECTION V - HEALTH HAZARD DATA****ACUTE HEALTH EFFECTS / SYMPTOMS:**

Inhalation of mist may cause respiratory irritation. High vapor concentrations may lead to central nervous system depression. Skin contact may cause irritation and burns. Eye contact may cause severe and / or permanent damage. Pre-existing skin conditions and detergent allergies may be aggravated by exposure.

CHRONIC HEALTH EFFECTS / SYMPTOMS: None known.

Carcinogenicity Data:	NTP: N	IARC: N	OSHA: N	OTHER: N/A
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First Aid

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids open. Seek prompt medical attention.

Skin: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, seek medical attention. Wash clothing before reuse.

Inhalation: Move victim to fresh air. Seek medical attention if irritation persists.

Ingestion: Contact local Poison Control Center or physician immediately.

SECTION VI - REACTIVITY DATA

Stability: Normally stable

Incompatibility: Acids. Contact with certain materials may yield explosive hydrogen gas.

Decomposition: Hydrogen.

Polymerization: Will not occur.

SECTION VII - SPILL OR LEAK PROCEDURES

Spill Procedures: Wear personal protective equipment (see Section VIII). Neutralize using a weak acid. Clean up with absorbent material.

Waste Disposal Procedures: Dispose in accordance with federal, state, and local regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory: If TLV is exceeded, or for symptoms of overexposure, wear a NIOSH approved dust / mist respirator.

Eyes: If potential for eye contact exists, wear chemical goggles.

Clothing / Protective Gloves: Wear chemical resistant gloves and clothing as needed to prevent skin contact.

Ventilation: Local exhaust may be necessary under some handling / use conditions. Specific needs should be addressed by supervisory or health / safety personnel.

SECTION IX - ADDITIONAL INFORMATION

Safe Handling and Storage: Store in a closed container in a well ventilated area. Do not freeze.

SECTION X – TRANSPORTATION INFORMATION

DOT Hazard Class: Shipping by ground: UN1824,Sodium hydroxide Solution, 8, PG II

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render the conclusions of this report obsolete. Therefore, no warranty is extended as to the applicability of this information to the user's intended purpose or for the consequences of its use or misuse.