

# Material Safety Data Sheet

## Section 1 Product Identification

Product Name: **Low-Temp Spray Wash**

Formula type: alkaline liquid detergent and solvent system

### Supplied By:

NOCO Lubricants  
2440 Sheridan Drive  
Tonawanda, NY 14150

Emergency: 800-424-9300  
Information: 800-500-6626  
Fax: 800-891-6626

## Section 2 Hazardous Ingredients

<u>Chemical Name:</u>	<u>CAS#</u>	<u>%</u>	<u>Threshold Limit Value (TLV)</u>	<u>Permissible Exposure Limit (PEL)</u>
Sodium metasilicate	6834-92-0	1 - 5	2 mg/m <sup>3</sup> (dust)	2mg/m <sup>3</sup> (dust)
Trisodium phosphate	7601-54-9	1 - 5	NE	NE
Proprietary detergents		1 - 5	NE	NE
Cyclic Amine family	872-50-4	1 - 5	NE	NE

## Section 3 Physical Data

Form:	Liquid	pH as is: 12.2 - 12.7
Color:	Clear	pH (1 to 20 dilution): 11.2- 11.7
Odor:	Slight solvent	Solubility in Water: Complete
Specific Gravity (Water = 1):	1.08 -1.10	Vapor Density (Air = 1): >1
Boiling Point F: Approx.	212°	Vapor Pressure: .32 mm Hg @ 60° C
Evaporation Rate (Water =1):	Approx. 1.0	%VOC: less than 5%

## Section 4 Fire and Explosion Information

**Flash Point (Method) F:** Greater than 200

**Unusual Fire and Explosion Hazards:** Contact with metal can form hydrogen gas that is flammable and can form explosive mixtures with air. High temperatures may create heavy flammable vapors that may settle along ground level and low spots to create an invisible fire hazard.

**Extinguishing Agents:** Foam, carbon dioxide, dry chemical, water fog, water

**Fire fighting methods:** General guidelines as this material won't burn without driving off water. Evacuate area and fight fire from a safe distance. If leak or spill has not ignited, ventilate area and use water spray to disperse gas or vapor and to protect personnel attempting to stop a leak. Use water spray to cool adjacent structures and to protect personnel. Shut off source of flow if possible. Stay away from storage tank ends. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of storage tank due to fire. Fire fighters must wear MSHA/NIOSH approved positive pressure breathing apparatus with full face mask and full protective equipment.

## Section 5 Health Hazard Data – Signs and Symptoms of Overexposure:

Probable Routes of Entry: Eyes, skin, inhalation

**Eyes:** Direct contact will cause severe irritation and burns if not properly treated. Effects may range from mild to irreversible damage depending upon length of exposure, solution concentration and first aid measures.

**Skin:** This product contains materials that can cause skin irritation. Prolonged or repeated contact may result in burns severe skin irritation. Prolonged exposure to diluted product can cause irritation.

Inhalation: Overexposure by inhalation of misted product may lead irritation in respiratory tract, producing a burning, choking sensation. Caution should be taken to prevent atomizing or misting of this product without proper respiratory protection.

Ingestion: Ingestion is not expected to be a primary route of exposure. Do not ingest. Material will cause severe burns in mouth, throat and stomach. Note: Aspiration is a secondary hazard and should be expected. Product will attack lining of esophagus and stomach.

### **Section 6 Emergency First Aid Procedures**

Eyes: Check for and remove contact lenses. Flush immediately with copious amounts of water for 15 minutes while holding eyelids apart to ensure complete irrigation of eye and eyelid tissues. Take exposed individual immediately to a health care professional, preferably an ophthalmologist, for emergency first aid and further evaluation.

Skin: Remove contaminated clothing. Immediately wash exposed area with copious amounts of water. Repeat washing. If redness or irritation occurs, seek immediate medical attention. Launder contaminated clothing before reuse.

Inhalation: If exposure by inhalation is suspected, immediately move exposed individual to fresh air. If individual experiences nausea, headache, dizziness, has difficulty breathing or is cyanotic, seek a health care professional immediately. Administer CPR if necessary.

Ingestion: Drink 1-2 large glasses of milk or water. Obtain immediate medical aid or call poison control. Do not induce vomiting unless directed by a physician. During vomiting there is a danger of aspirating liquid into lungs, causing serious damage and chemical pneumonitis. If spontaneous vomiting occurs, keep head below hips to prevent aspiration and monitor for breathing difficulty. Gastric lavage should be performed only by qualified medical personnel. Keep affected person warm and at rest. Seek immediate medical attention or call 911. Section 6

### **Section 7 Reactivity Data**

Stability: Stable

Incompatibility: Strong oxidizing agents, acids

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur

### **Section 8 Spill & Leak Procedures**

Procedures for Cleanup: Wear safety equipment. For small spills: recover product, and then mop and rinse area with water. For large spills: call for trained personnel. Eliminate open flame and ignition sources. Stop discharge if safe to do so. Dike with inert material to keep out of waterways and sewers. Pump into suitable container or absorb with inert material and place into suitable container for disposal. Neutralize area with mild acid (citric acid). Notify local, state, or federal agencies. May be considered RCRA hazardous waste. Call local agencies.

Waste Disposal: Dispose of in accordance with federal, state, and local regulations. Waste may be considered RCRA hazardous waste. Call local agencies.

### **Section 9 Special Protection Information**

Ventilation Type Required: Use adequate ventilation when working with material in an enclosed area. Mechanical methods such as fume hoods or area fans may be used to reduce localized vapor/mist areas. If vapor or mist is generated when the material handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure.

Eye Protection: Eye protection must be worn. Wear safety glasses with side shields or vented splash proof goggles.

Protective Gloves: Impervious gloves such as neoprene or nitrile rubber to avoid skin sensitization and absorption.

Respiratory Protection: None required if airborne concentrations are maintained below threshold limits. Where misting and vapors may occur, wear an MSHA/NIOSH approved half mask form dust/mist air purifying respirator.

Other Equipment: Eyewash stations and showers should be available in areas where this material is used and stored. Rubber apron and boots.

**Section 10 Special Precautions**

Avoid contact with product. Do not breathe mist. Wash immediately after using product. Store between 50° F and 100° F. Keep out of reach of children. Keep container closed when not in use. For industrial and institutional use only. Mix only with water. Rinse and return empty container to manufacturer. Launder contaminated clothing and shoes before re-use.

**Section 11 Toxicity Data**

Carcinogenicity: NTP: No IARC: No OSHA: No  
 Moderately toxic

**Section 12 Hazard Rating – HMIS**

0 = minimal 1 = minimal 2 = moderate 3 = serious 4 = severe  
 Health: 2 Reactivity: 0 Fire: 1 Personal protection equipment = B (gloves & glasses)

**Section 13 Regulatory Information**

CAS # 872-50-4 is subject to the reporting requirement of section 313 of Title III SARA and listed TSCA inventory

**Section 14 Shipping Name:**

Cleaning Compound

**Section 15 Documentary Information**

Date issued: 3-8-2005 Supercedes: Reason for update:

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**ABBREVIATIONS:** NA = NOT APPLICABLE NDA = NO DATA AVAILABLE  
 > = GREATER THAN <= LESS THAN  
 ND = NOT DETERMINED NE = NOT ESTABLISHED

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