



# MATERIAL SAFETY DATA SHEET

N/A = Not Applicable

(Prepared According to 29 CFR 1910.1200)

Effective Date 8/2/99

## Section 1 - PRODUCT IDENTIFICATION

Product Name: ...Nu-Shine  
 Chemical Family: ...N/A  
 Generic Name: ...Stainless Steel Cleaner and Polish  
 Formula: .....N/A  
 Suppliers Name: ...NORTHLAND CHEMICAL CORP.  
 Phone: .....952-469-1155  
 Suppliers Address: 11380 250th Street East Lakeville, MN 55044  
 Emergency: .....800-255-3924

### NPCA Hazardous Materials Identification

Health	1
Flammability	1
Reactivity	0
Maximum Personal Protection	A

## Section 2 - INGREDIENTS

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV C	CARCINOGEN
Water	7732-18-5	to 100	N/A	N/A	N/A	No
White Mineral Oil	8042-47-5	45 to 50				No
Liquified Petroleum Gas	68476-85-7	10 to 20	1000 ppm	1000 ppm	N/A	No
Citrus Perpenes	5989-27-5	0 to 5	N/E	N/E	N/E	No
Ammonium Hydroxide	1336-21-6	0 to 5	50 ppm	50 ppm	35 ppm	No
Polydimethylsiloxane	63148-62-9	0 to 5				No
Sodium Nitrite	7632-00-0	0 to 5				No
Sodium Benzoate	532-32-1	0 to 5				No
Triethylene Glycol	112-27-6	0 to 5				No
Ethyl Cellulose	9004-57-3	0 to 5				No

## Section 3 - PHYSICAL DATA

Boiling Range: N/A  
 Vapor Pressure: 50 psig @ 68°F  
 % Volatile: 90+  
 Solubility in Water: Disperses  
 Physical Description: Aerosol spray with characteristic odor.  
 Specific Gravity: N/A  
 Vapor Density: (Air=1):>1  
 pH: 9.5-10.5  
 Evaporation Rate: (Water=1):<1

## Section 4 - FIRE AND EXPLOSION DATA

Concentrate Flash Point (Method): None to boiling. (TCC)  
 Propellant Flash Point (Method): -20°F (TCC)  
 Flash Point (Method): N/A  
 Extinguishing Media: Alcohol foam, CO2, dry chemical.  
 Special Fire Fighting Procedures: N/A  
 Unusual Fire and Explosion Hazards: Heated cans may burst.  
 Explosive Limits  
 Upper: 9.5  
 Lower: 1.7

## Section 5 - REACTIVITY DATA

Stability: Stable  
 Incompatibility (Materials to Avoid): None known.  
 Hazardous Decomposition Products: None known.  
 Hazardous Polymerization: Will not occur.

## Section 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage:  
 Keep out of reach of children. Do not store above 120°F.  
 Store in well ventilated area. For institutional and commercial use.

## Section 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:  
 Primary Route of Entry:  
 Skin: .....Defatting to skin on repeated contact.  
 Eyes: .....Eye irritant. May cause redness and swelling of the conjunctiva.  
 Inhalation: .....N/A  
 Ingestion: .....May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses

First Aid Procedures:  
 Skin: .....Seek medical attention if irritation occurs.  
 Eyes: .....Flush eyes with large quantities of water. Seek medical attention if irritation persists.  
 Inhalation: .....N/A  
 Ingestion: .....Seek medical attention if symptoms persist.

## Section 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: ..... No special requirements.  
 Protective Gloves: ..... N/A  
 Other Protective Equipment: ..... N/A  
 Ventilation: ..... Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.  
 Eye Protection: ..... N/A

## Section 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:  
 Ventilate area immediately. Mop up or otherwise absorb and hold for disposal.  
 Waste Disposal Method:  
 Any method in accordance with applicable laws.