

MATERIAL SAFETY DATA SHEET

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Section 1

STAR NAIL INTERNATIONAL
29120 AVENUE PAINE
VALENCIA, CA 91355

For Chemical Emergency Only:

In the US & Canada (800) 255-3924

or (813) 248-0573

Telephone for Information: (661) 257-7827

PRODUCT IDENTIFICATION:

HAZARD RATING

BRUSH CLEANER

3

1 x 3

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Nitroethane (79-24-3)	100ppm	100ppm		80-100

Balance - other non-hazardous proprietary ingredients.

- This ingredient is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	237 F	Specific Gravity (H ₂ O=1):	1.05
Vapor Density (Air=1):	2.58	Melting Point:	NE
Vapor Pressure (mm Hg):	15.6	Evaporation Rate (Butyl acetate = 1):	1.2
Solubility in Water:	Slightly soluble.		
Appearance & Odor:	Transparent blue colored liquid with mild odor.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): 87 F (TCC) Flammable Limits: LEL: 4.0% UEL: NE
Extinguishing Media: Water spray, foam or carbon dioxide or dry chemical (Triclass ABC-rated) extinguishers.
Special Fire Fighting Procedures: Flammable/combustible. Firefighters should use self-contained breathing apparatus and protective clothing. Use water to wet down tanks/containers to prevent rupture. Avoid breathing vapors.
Unusual Fire and Explosion Hazards: Vapors may travel distance to ignition source and flash back. Toxic fumes emitted/container explosions possible under fire conditions.

Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Extreme shock under heavy confinement at high temperatures.
Incompatibility (Materials to Avoid): Lead, copper or their alloys, strong alkali.
Hazardous Decomposition Products: Oxides of carbon and nitrogen.
Hazardous Polymerization: May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: Yes Ingestion: (rat) LD50=1100mg/kg
Health Hazards (Acute and Chronic):
Acute - irritation to skin/eyes; inhalation may cause headache, nausea, vomiting, narcosis.
Chronic - overexposure may cause liver and kidney damage.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes.

Skin contact - Irritation upon direct contact. Remove contaminated clothing and wash affected areas with soap and water.

Inhalation - Remove to fresh air. Perform artificial respiration if breathing has stopped.

Ingestion - If conscious, give victim several glasses of water and attempt to induce vomiting by placing his finger down his throat. Get medical attention.

Medical Conditions Generally Aggravated by Exposure: None known.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Remove all sources of ignition and ventilate area. Personnel wearing protective equipment appropriate to the size of the spill may then contain it and absorb it on paper towels. Large spills should be recovered. Do not allow liquid to enter sewers.

Waste Disposal Method: Under RCRA, this product exhibits the characteristic of ignitability (D001) and is regulated as a hazardous waste. Dispose of in accordance with applicable federal, state, and local regulations.

Precautions to Be Taken in Handling and Storing: Keep away from heat and flame. Keep containers closed. Ground all metal containers when transferring liquid. Use only with adequate ventilation.

Other Precautions: Best stored in stainless steel or aluminum away from heat.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): NIOSH approved organic vapor canister in absence of proper ventilated environment.

Ventilation: Local Exhaust: Good Mechanical (General): As needed.

Protective Clothing or Equipment: Self-contained breathing apparatus should be worn in emergency situations where high vapor concentration occurs. Safety glasses/goggles, rubber gloves and protective clothing to avoid direct contact.

Work/Hygienic Practices: Avoid direct contact with eyes/skin. Wear protective safety equipment as necessary to minimize contact. Wash hands with soap and water and launder contaminated clothing before reuse.

NE = Not established

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