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Section 1 – Product Identity as used on Label

STAINLESS STEEL CLEANER & POLISH

MSDS Prepared: March 2001

Manufacturer: MIDLAB, INC.
280 Industrial Park Rd.
Sweetwater, TN 37874

MATERIAL SAFETY DATA SHEET (MSDS)

Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components <i>(Specific Chemical Identity/Common Names(s))</i>	CAS #	TWA	STEL	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Mineral Seal Oil	64741-44-2			5 mg/cu.m.			30-40
Oleic Diethanolamide	not available						<10
Potassium Oleate	not available			10mg/cu.m			<10
Amyl Acetate	628-63-7			Not listed			<1
Borax	12179-04-3			Not listed			<10
Water	7732-18-5						50-60

*Hazardous is a relative term, and care should be exercised with this product as with any substance.
NFPA Ratings: Health: N/D Fire: N/D React: N/D Specific Hazard: N/D
HMIS Ratings: Health: 1 Fire: 0 React: 0 PPI: N/D

Section 3 – Physical/Chemical Characteristics

Boiling Point
N/D
Vapor Pressure (mm Hg)
N/D
Vapor Density (Air=1)
>1
Solubility in Water
Dispersible
Appearance and Odor
Off white emulsion with characteristic fruity odor.

Specific Gravity (H₂O=1)
0.93
Melting Point
235°F
Evaporation Rate (H₂O=1)
<1
pH
<10.00
Percent Volatile Organics
>90 by Volume

Section 4 – Fire and Explosion Hazard Data

Flash Point 1 (Method used)
N/A
Extinguishing Media
Water, Carbon Dioxide, Dry Chemical or Foam
Special Fire Fighting Procedures
Wear full protective gear including self-contained breathing apparatus.
Keep heated containers cool with water spray.

Flammable Limits LEL UEL
(In air, % by volume) N/A N/A
Auto Ignition Temperature
N/A
Unusual Fire and Explosion Hazards
Heat may cause product decomposition. See Hazardous Decomposition Products in Section V.

Section 5 – Reactivity Data

Stability: Unstable Stable Conditions to avoid
XX Prolonged storage in unventilated areas in hot temperature.

Incompatibility (Materials to avoid)
Strong acids, strong alkalis, oxidizing agents, heat, ignition sources and flame.

Hazardous Decomposition or Byproducts
Oxides of carbon and/or of Boron and/or of nitrogen and/or ammonia and/or amines.

Hazardous Polymerization: May Occur Will Not Occur Conditions to Avoid
XX

Section 6 – Health Hazard Data

Primary Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes	Eyes? Yes
Health Hazards (Acute, Chronic, Reproductive) N/A				
Carcinogenicity: None	NTP? N/D	IARC Monographs? N/D	OSHA Regulated? N/D	OSHA TLV N/E
Signs and Symptoms of Exposure N/A				
Medical Conditions Generally Aggravated by Exposure Pre-Existing eye or skin disorders.				

™Emergency and First Aid Procedures

BREATHING (INHALATION): Remove victim to fresh air. Administer CPR if breathing or heart have stopped. Get immediate medical attention. If available oxygen may be administered to facilitate breathing.

SWALLOWING (INGESTION): Immediately drink large amounts of milk, vegetable oil, citrus juice or, if these are not available, water to dilute. **DO NOT INDUCE VOMITING.** Get immediate medical attention. Never give anything by mouth to an unconscious person.

EYES: Immediately flush eyes with running water for at least 15 minutes. Remove and discard contaminated contact lenses. Get immediate medical attention. If possible, continue to flush eyes with running water until medical aid is received.

NOTE TO PHYSICIAN: Emesis should be avoided due to the possibility of aspiration of solvent vapors into the lungs. If a dangerous amount has been ingested, gastric lavage following insertion of a cuffed endotracheal tube should be considered.

SKIN (DERMAL) Immediately wash affected area thoroughly with soap and water for at least 15 minutes. Apply a good moisturizing lotion and seek prompt medical attention if irritation develops or persists.

Section 7 – Precautions for Safe Handling and Use

Steps To Be Taken in Case Material is Released or Spilled

Wear full protective gear. Dike and contain spill. Eliminate all sources of ignition. Pump to salvage vessels w/spark proof equipment. Absorb remaining residues with inert absorbent and place into suitable disposal containers.

Waste Disposal Method

Dispose of all wastes.

↳ All wastes must be disposed of in accordance with federal, state and local regulations.

Precautions To Be Taken in Handling and Storing

Avoid prolonged storage in unventilated areas in hot temperature.

Dot shipping Classification

Proper Shipping Name: NOI Non-Hazardous

WARNING...CAUTION: KEEP OUT OF REACH OF CHILDREN. For Industrial and Institutional use only.

Section 8 – Control Measures

Respiratory Protection (Specific Type)

NIOSH approved respirator for organic vapors as necessary to prevent irritation or overexposure.

Ventilation

Mechanical exhaust is sufficient for most short-term exposures. Local exhaust may be required to prevent exceeding TWA/TLV.

Protective Gloves

Rubber, neoprene, nitrile, PVC

Other Protective Clothing or Equipment

None normally required.

Work/Hygienic/Maintenance Practices

N/A

Eye Protection

Chemical splash glasses or full face shield.

↳ Eyewash and shower facilities suggested.

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