

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Stainless Steel Cleaner
Product Class: Water based Stainless Steel Cleaner
Emergency Telephone Number: 800-255-3924
Telephone Number for Information: 651-481-1900
Manufacturer's Name and Address:
Multi-Clean®
600 Cardigan Road
Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	White Mineral Oil CAS # 8042-47-5	10 - 30
B	Surfactant Blend CAS # Proprietary	1 - 5
C	Water CAS #7732-18-5	60 -90

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview
Appearance and Odor: Milky White Liquid
Primary Hazards: Irritant.

Potential Health Hazards
Route(s) of Entry: **Skin Absorption:** X **Ingestion:** **Inhalation:** X
Eye: May cause irritation on contact.
Skin: May cause irritation on contact.
Ingestion: May cause irritation, nausea, or stomach distress.
Inhalation: None expected under normal conditions.
Signs and Symptoms of Exposure: Eyes and Skin: Irritation, redness, or itching. Inhalation: coughing, sneezing, headache, nose and throat pain.
Carcinogenicity: NTP? No **IARC Monographs?** No **OSHA Regulated?** No.
According to IARC monographs, severely hydrotreated oils, such as this product, are not considered carcinogenic. Nevertheless, good industrial hygienic practices are recommended.
Target Organ (s): Skin, eyes.
Medical Conditions Generally Aggravated by Exposure: Dermatitis and other pre-existing skin conditions
Health Hazards, Chronic: NA

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:
If Swallowed: Do not induce vomiting. Call a physician immediately. **Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. **Inhalation:** If ill effects occur from breathing vapors, remove to fresh air and obtain medical attention. **Sources Used:** Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flammability: N Av. **Autoignition Temperature:** N. Av.
Flash Point (method used): > 200°F (> 93°C) PMcc
Flammable Limits: N. Av. LEL UEL
Extinguishing Media
Water? **Foam?** X **Water Fog?** X
Alcohol Foam? **CO2?** X **Dry Chemical?** X
Vaporizing Liquid? X **Other?**
Special Fire Fighting Procedures: Exclude air. Water hose stream may spread fire. Use water spray to keep containers cool.
Unusual Fire and Explosion Hazards: N. Av.
TDG Flammability Classification: Not Known
Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: Normal, for combustible liquid.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:
Dike and contain spill with inert material (sand, earth, etc). Collect spill with absorbent material (example: floor-dri). Wash affected area with soap and water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:
Normal care in handling and storage. Store in cool area.
Other Precautions: Keep out of reach of children.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): None
Ventilation: **Local Exhaust:** Not required **Special:** Not required
Mechanical (General): Ventilate to keep vapor levels below TLVs and PELs, listed in Section XI. **Other:** Not required
Protective Gloves: Natural rubber or synthetic.
Eye Protection: Approved safety goggles or glasses. **Footwear:** Not required
Other Protective Clothing or Equipment: Not required
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals. Avoid breathing spray mist.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D **pH:** 6.5 - 8.5
Specific Gravity (H20) = 1: 0.97 **Odor Threshold:** N. Av.
Vapor Density (Air = 1): N/D **% Volatile:** 60-100
Evaporation Rate (Butyl Acetate = 1): N/D **Oil/Water Distribution**
Solubility in Water: Partial **Coefficient:** N. Av.
Vapor Pressure (MM HG): N/D
Melting Point: N. Ap.

SECTION X - STABILITY AND REACTIVITY

Stability: **Unstable:** **Stable:** X
Conditions to Avoid: N. Ap.
Incompatibility (materials to avoid): Strong oxidizers
Hazardous Decomposition or By-products: Carbon monoxide and other petroleum decomposition products.
Hazardous Polymerization: **May occur:** **Will not occur:** X
Conditions to Avoid: N. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	5 mg/m3	5 mg/m3	N. Av.	N. A v.	N. Av.
B	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
C	None	None	N. Av.	N. Av.	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No
Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.
Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Dispose of spilled material in accordance with local, state and federal regulations. (Incineration in an EPA authorized site is recommended)
RCRA Hazard Class: Unknown

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Cleaning compound, N.O.S.
UN Number: N. Ap.
Packing Group: N. Ap.

SECTION XV - PREPARATION DATA

Prepared By: Ron Camp
Telephone Number: 651-481-1900
Date: 4-12

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quality: None
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 311/312 Hazard Category: Chronic health
Section 313 Toxic Chemicals: None
State Regulations
International Regulations
WHMIS Controlled Product Hazard Class: D2 B

SECTION XVII - OTHER INFORMATION

None
N. Ap. - Not Applicable; N.Av. - Not Available

NFPA SYSTEM

1 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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