



MATERIAL SAFETY DATA SHEET

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800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): 800-535-5053

PRODUCT NAME
 UNITED 117 STAINLESS STEEL CLEANER AND
 POLISH

USE/DESCRIPTION
 Stainless Steel Cleaner and Polish

REVISION DATE
 April 3, 2012

HMIS III HEALTH (0 = Maximum Safety) *1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 3

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

PERSONAL PROTECTION: X



consult your supervisor

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Synthetic isoparaffinic hydrocarbon	64742-47-8	20-30	NE	NE	NE	>5.2 mg/L 4 h (Inhalation/rat)
Odorless mineral spirits	64742-48-9	10-15	NE	NE	NE	NE
Acetone	67-64-1	10-15	500 ppm	1000 ppm	5800 mg/kg (rat/oral)	NE
Methyl acetate	79-20-9	8-10	200 ppm	200 ppm	16000 ppm 4 h (Inhalation/rat)	NE
Propane	74-98-6	10-15	1000 ppm	1000 ppm	NE	658 mg/L 4 h (Inhalation/rat)

ACGIH-STEL: Acetone CAS#67-64-1: 750 ppm, Methyl acetate CAS#79-20-9: 250 ppm

3. HAZARDS IDENTIFICATION

Eyes: Contact with eyes may cause irritation. Eye contact may result in corneal injury.

Skin: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

Inhalation: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful.

Ingestion: Exposure by ingestion is unlikely since this product is an aerosol. If ingested, the following may occur: May cause delayed lung damage. Components of this product may be absorbed into the body by ingestion. May be harmful if swallowed.

Chronic effects: Prolonged exposure may cause chronic effects. Conjunctiva. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. May cause delayed lung injury.

4. FIRST AID MEASURES

Eyes: Immediately flush with cool water for at least 15 minutes. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately. Do not use mouth-to-mouth method if victim ingested the substance.

Ingestion: DO NOT induce vomiting. Obtain medical attention immediately. Never give anything by mouth if victim is unconscious or is convulsing. If vomiting occurs, naturally, have victim lean forward to reduce risk of aspiration.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): -156°F/-104.4°C propellant

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): Flammable per 16 CFR 1500.3 and 1500.45.

Hazardous Products of Combustion: Fire may produce irritating, corrosive and/or toxic gases.

Fire and Explosion Hazards: Do not expose aerosols to temperatures above 120°F/49°C or the container may rupture. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

Extinguishing Media: Water fog; Alcohol foam; Dry chemical, Carbon Dioxide.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Do not breathe fumes in the event of fire and/or explosion.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Remove all sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

Large Spills: Remove all sources of ignition and ventilate area. Soak up with an inert absorbent (e.g., vermiculite, sand or earth) and place in designated disposal container. Wash area thoroughly.

7. HANDLING AND STORAGE

Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not store at temperatures above 120°F/49°C. Do not get this material in contact with skin. Avoid prolonged exposure. Do not pierce or burn, even after use - pressurized container. Do not smoke while using or until sprayed surface is thoroughly dry. Storage level 3 aerosol.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical goggles are recommended. Do not get in eyes.

Skin: Chemical resistant gloves are recommended. Use appropriate chemical resistant clothing.

Respiratory: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

Engineering Controls: Provide adequate ventilation to keep vapor concentration below TLV and prevent accumulation of excessive vapors to minimize flammable conditions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ~368F/~182C **Specific Gravity:** ~0.75conc.(H₂O=1) **Vapor Pressure:** 40-60 psig@70°F/21°C **Melting Point:** ND

Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Negligible **pH:** NA

Appearance and Odor: Aerosol; clear colorless spray with lemon/solvent scent

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: None known.

Chemical Stability: Material is stable under normal conditions. Risk of ignition.

Incompatibility: Avoid contact with strong oxidizing agents.

Conditions to avoid: Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? No

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard. If product is discarded, it is considered a RCRA ignitable waste, D001.

14. TRANSPORT INFORMATION

DOT: For ground shipping within the USA: Consumer Commodity, ORM-D

IMDG: UN 1950, Aerosols, 2.1, Limited Quantities

IATA: UN 1950, Aerosols, Flammable, 2.1, Limited Quantities

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 29.7%

TSCA (Toxic Substances Control Act): Yes - all components of this product comply.

SARA Title III Section 302 EHS: No

SARA Title III Section 311/312: Immediate Hazard - Yes, Delayed Hazard - Yes, Fire Hazard - Yes, Pressure Hazard - Yes, physical Hazard - No

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.