

Material Safety Data Sheet

Identity: Swiss Silver HM A,B Mineral Oil Base Cutting Oil

Section I

Manufacturer: Cutting Edge Fluids, Inc.

Address: 777 Canterbury Rd.
Westlake, OH 44145

Emergency Telephone Number: (216)-915-1015

Information Telephone Number: (216)-899-6340

Date Revised: 1/3/06

HMIS Ratings:

Health: 1
Fire: 1
Reactivity: 0
Personal Protection: B

NFPA Ratings

Health 1 **Fire 1**
Spec. Haz. 0 **Reactivity 0**
NFPA

SECTION II - Hazardous Ingredients/Identity Information

CAS number Component % PEL

Product Composition: Proprietary

None

No material items are to be found in any States RTK List
This material should be considered non-hazardous
This is a non-controlled material

SECTION III - Physical/Chemical Characteristics

Boiling Point 370 - 505°F	Specific Gravity (H ₂ O=1) .92 @ 15.6/15.6 C
Vapor Pressure (mm Hg) <1mm Hg at 25°C	Melting Point N/A
Vapor Density (Air = 1) N/D	Evaporation Rate (Butyl Acetate = 1) <.01
Solubility in Water Not Soluble	
Appearance and Odor Bright , Clear - Negligible Odor	

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >365°F COC **Flammable Limits** LEL: NDA UEL: NDA

Extinguishing Media. Dry chemical foam, Carbon dioxide foam

Special Fire Fighting Procedures. Wear SCBA when firefighting in confined space. Cool fire exposed containers with water spray to prevent rupture.

Unusual Fire and Explosion Hazards None Noted

SECTION V - Reactivity Data

Stability Stable **Conditions to avoid.** None Known
Incompatibility (materials to avoid) Strong oxidizing agents - halogens and halogen compounds..

Hazardous Decomposition or by-products Hydrogen chloride, oxides of carbon and sulfur

Hazardous polymerization

Will Not Occur

SECTION VI - Health Hazard Data

Route(s) of Entry Eyes, skin, inhalation, and ingestion

Health Hazards (Acute and Chronic) :

Eyes: Will cause irritation on contact, may be severe if not immediately removed.

Skin: May cause mild irritation on contact. Prolonged or repeated contact may cause drying, defatting of skin and dermatitis.

Inhalation: Inhalation of vapors (generated at high temperatures) or oil mist from this product may cause mild irritation of the upper respiratory tract.

Ingestion: Will cause nausea, vomiting and diarrhea if ingested.

Signs and Symptoms of Exposure:

Eyes: Irritating to eyes upon contact, may be severe if not immediately removed.

Skin: Short term exposure: Slight localized and transient eczema. Long term Exposure: May lead to dermatitis, oil acne or folliculitis.

Inhalation: Mist may irritate mucous membranes. At high temperatures irritation is pronounced.

Ingestion: Will cause nausea, vomiting and diarrhea.

Medical Conditions generally aggravated by exposure: none noted

Emergency and first aid procedures:

Eyes: Wash with copious amounts of water for at least 15 minutes. Seek medical attention.

Skin: Wash exposed areas with soap and water. Seek medical attention immediately. Do not reuse clothing soaked with this product until laundered. Discard all leather articles which have been soaked with this product.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Shut off the source of the leak if it is safe to do so. Dike and contain the spill. Remove with vacuum trucks. Soak residue with clay, sand or other suitable materials. Keep out of navigable waterways. Advise authorities if product has entered sewer watercourses or excessive land areas.

Waste disposal method: Dispose of in accordance with State, Local, and Federal regulations. Disposal of this material in land fills may be banned by Federal regulations.

Precautions to be taken when handling and storing: Avoid exposure to skin and eyes. Wear protective clothing.

Other Precautions: Petroleum oil: Steel 10 mg/m³ OSHA Pel 5mg/m³. May liberate hydrogen sulfide - OSHA acceptable ceiling is 20 ppm. A 10 minute max of 50 ppm is permitted once.

SECTION VIII - Control Measures

Respiratory Protection : Normal conditions respiratory not required - SCBA for confined space or fire

Ventilation: local exhaust for mist or vapors

Protective Gloves: nitrile or neoprene gloves

Eye Protection: NIOSH approved safety goggles.

Other Protective Clothing or Equipment: Long sleeve shirt. Don't wear rings or watches where material could be trapped and cause a rash.

Work/Hygienic Practices: Usual good work practices. Clean up after use.
