

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION

MANUFACTURER: Muscle Products Corp.
188 Freeport Road
Butler, PA 16001
DATE PREPARED: May 4, 1992
PREPARED BY: George C. Fennell

PRODUCT NAME: MT-10 Metal Treatment™
EMERGENCY TELEPHONE #: (412) 283-7355
INFORMATION TELEPHONE #: (412) 283-0567

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	OSHA PEL	ACGIH TLV	LIMITS RECOMMENDED	CAS NUMBER
Organic Petroleum Hydrocarbons	>3% 500 ppm	5 mg/m ³	None	
The specific chemical identity is being withheld as a trade secret under par. 317.2, Pa Right to Know. This substance is not hazardous but comprises more than 3% of product.				
Aliphatic Hydrocarbons	>3% 500 ppm	5 mg/m ³	None	64742-52-5
Petroleum Lube Oil	>3% 500 ppm	5 mg/m ³	None	64742-65-0
This product does not contain any chemical listed as a carcinogen or mutagen by OSHA, IARC Monographs, or the National Toxicology Program.				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 325° F
VAPOR PRESSURE (mm Hg): <1 @ 25° C
VAPOR DENSITY (air = 1): 4.5
SOLUBILITY IN WATER: 0 @ 20° C - Insoluble.
APPEARANCE AND ODOR: Light amber, low viscosity liquid, aromatic petroleum odor.

SPECIFIC GRAVITY: 1.06
MELTING POINT: N/A
EVAPORATION RATE (Butyl Acetate=1): <0.01

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USED: 198° F PMCC / 240° F COC
FLAMMABLE LIMITS: Lower: 0.7% Upper: 5%
EXTINGUISHING MEDIA: Dry chemical, waterfog, CO₂, or foam.
SPECIAL FIRE FIGHTING PROCEDURES: Pressure demand, self-contained breathing apparatus should be provided for firefighters in confined areas where stored. Spray storage containers with water to keep cool during fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Product is non-explosive and low in flammability under normal conditions. It flows freely when hot, and should be treated as an oil when exposed in a fire.

SECTION V - REACTIVITY DATA

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Open flames and extremely high temperatures (molten).
INCOMPATIBILITY (materials to avoid): Strong Oxidizers.
HAZARDOUS DECOMPOSITION / BYPRODUCTS: Carbon dioxide, carbon monoxide, and hydrogen chloride gas when burning.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.