

Before using product, read and follow directions and precautions on product label.



MATERIAL SAFETY DATA SHEET

ADDRESS:
Muscle Products Corp.
752 Kilgore Road
Jackson Center, PA 16133
U.S.A.

PRODUCT IDENTIFICATION	PRODUCT NAME: Muscle-Cut Aluminum Plus			EMERGENCY PHONE NO(S): CHEMTREC 24-HOURS 800-424-9300 OR 703-527-3887
	CHEMICAL NAME: Mineral oil			
	SYNONYMS:			CHEMICAL FAMILY: Hydrocarbon
INGREDIENTS	MATERIALS OR COMPONENTS	% W	CAS NUMBER	CARCINOGEN OSHA OR IARC
	Mineral oil	92-97	64741-44-2	No
	Fatty oil, triglycerides	3-8	8016-28-2	No
SHIPPING INFORMATION	Not Restricted Classification: Lubricating Oil, Class 65 Hazard Class: Nonhazardous Packing Group: NA			
PHYSICAL PROPERTIES	BOILING POINT/RANGE UNDILUTED °C > 510 °F	MELTING POINT NA °C °F	FREEZING POINT °C +30 °F	MOLECULAR WEIGHT (CALCULATED) NA
	SPECIFIC GRAVITY (H ₂ O = 1) 0.83 @ 16 °C	VAPOR PRESSURE (mm Hg) 0 °C °F	VAPOR DENSITY (AIR = 1)	
	SOLUBILITY IN H ₂ O Nil	% VOLATILES BY VOLUME 0	EVAPORATION RATE 0 <input type="checkbox"/> Ether = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butyl acetate = 1	
	APPEARANCE & ODOR Fluid oil, slight odor		OTHER	
FIRE & EXPLOSION DATA	FLASH POINT UNDILUTED & TEST METHOD °C 275 °F D-92		FLAMMABLE LIMITS LOWER NA% UPPER %	
	AUTOIGNITION/FIREPOINT UNDILUTED °C 300 °F			
	EXTINGUISHING MEDIA <input type="checkbox"/> Water Spray <input checked="" type="checkbox"/> Water fog <input type="checkbox"/> Water stream <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Dry chemical <input type="checkbox"/> Alcohol foam <input checked="" type="checkbox"/> Foam <input checked="" type="checkbox"/> Earth or sand			
	SPECIAL FIRE FIGHTING PROCEDURES <input type="checkbox"/> Do not enter building <input type="checkbox"/> Allow fire to burn <input checked="" type="checkbox"/> Water may cause frothing <input type="checkbox"/> Do not use water <input type="checkbox"/> Other (specify):			
REACTIVITY DATA	STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		CONDITIONS CONTRIBUTING TO INSTABILITY <input type="checkbox"/> Thermal decomposition <input type="checkbox"/> Photo degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination	
	INCOMPATIBILITY – Avoid contact with <input type="checkbox"/> Strong acids <input type="checkbox"/> Strong alkalis <input checked="" type="checkbox"/> Strong oxidizers <input type="checkbox"/> Other (specify):			
	HAZARDOUS DECOMPOSITION PRODUCTS – THERMAL AND OTHER (list) CO & CO ₂ if incomplete combustion.			
	CONDITIONS TO AVOID <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Open flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input type="checkbox"/> Other (specify):			

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SPECIAL PROTECTION INFORMATION	VENTILATION REQUIREMENTS – Always maintain exposure below permissible exposure limits <input type="checkbox"/> Consult an industrial hygienist or environmental health specialist <input type="checkbox"/> Local exhaust <input checked="" type="checkbox"/> Use with adequate ventilation <input type="checkbox"/> Check for air contamination & oxygen deficiency <input type="checkbox"/> Other (specify):			
	EYE <input type="checkbox"/> Face shield <input checked="" type="checkbox"/> Safety glasses <input type="checkbox"/> Goggles <input type="checkbox"/> Other:		HAND (Glove Type) <input type="checkbox"/> Polyvinyl chloride <input checked="" type="checkbox"/> Neoprene <input type="checkbox"/> Natural rubber <input checked="" type="checkbox"/> Polyethylene <input checked="" type="checkbox"/> Butyl rubber <input type="checkbox"/> Polyvinyl alcohol <input type="checkbox"/> Other (specify):	
	RESPIRATOR TYPE – Use only NIOSH/MESA approved equipment <input type="checkbox"/> Self-contained <input type="checkbox"/> Supplied air <input type="checkbox"/> Can or cartridge gas or vapor <input type="checkbox"/> Filter-dust, fume, mist <input type="checkbox"/> Other (specify): NA			
	OTHER PROTECTIVE EQUIPMENT <input type="checkbox"/> Rubber boots <input type="checkbox"/> Apron <input checked="" type="checkbox"/> Other (specify): As needed			
SPECIAL PRECAUTIONS	PRECAUTIONARY NOTES <input checked="" type="checkbox"/> Wash thoroughly after handling <input checked="" type="checkbox"/> Do not get in eyes or on clothing <input type="checkbox"/> Do not breathe dust, vapor, mist, gas <input checked="" type="checkbox"/> Keep container closed <input checked="" type="checkbox"/> Keep away from sparks & open flames <input type="checkbox"/> Store in tightly closed containers <input type="checkbox"/> Do not store near combustibles <input type="checkbox"/> Keep from contact with clothing & other combustible materials <input type="checkbox"/> Empty container may contain hazardous residues <input type="checkbox"/> Use explosion-proof equipment <input type="checkbox"/> Other (specify):			
	OTHER HANDLING AND STORAGE CONDITIONS Normal precautions common to good manufacturing should be followed.			
PREPARED BY: Amy Dent		DATE: 8-30-05	REV. NO. 1	PHONE: 814-786-0166
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