



MATERIAL SAFETY DATA SHEET

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

PRODUCT IDENTIFICATION	<small>PRODUCT NAME</small> Muscle-Cut™ Soluble Cutting Oil	<small>Code No.</small> MC-SCO	<small>Emergency Phone Number(s)</small> INFOTRAC 24-HOURS 800-424-9300 or 703-527-3887		
	<small>CHEMICAL NAME</small> Lubricating Oil (Water Soluble)			<small>Chemical Family</small> Hydrocarbon	
	<small>SYNONYMS</small> Soluble Oil				
INGREDIENTS	<small>MATERIALS OR COMPONENTS</small>	<small>%W</small>	<small>CAS NUMBER</small>	<small>CARCINOGEN OSHA OR IARC</small>	
	Mineral Oil	80-90	64742-52-5	No	
	Soluble Base	10-20	---	No	
	Grotan	>1.0	4719-04-4	No	
SHIPPING INFORMATION	<p>Not Restricted Classification: Lubricating Oil Hazard Class: Nonhazardous Packing Group: N/A</p>				
PHYSICAL PROPERTIES	<small>Boiling Point/Range Undiluted</small> °C 700 °F		<small>Melting Point</small> °C NA °F		<small>Freezing Point</small> °C -10 °F
	<small>Specific Gravity (H₂O=1)</small> 0.90 @ / 16 °C		<small>Vapor Pressure (mm Hg)</small> NA °C		<small>Vapor Density (Air=1)</small> NA
	<small>Solubility in H₂O</small> 100%		<small>% Volatiles by Volume</small> NA		<small>Evaporation Rate</small> NA <input type="checkbox"/> Either = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butylacetate =1
	<small>Appearance and Odor</small> Fluid Oil - Bland			<small>Other</small>	
FIRE AND EXPLOSION DATA	<small>Flash Point Undiluted</small> °C 340 °F		<small>Test Method</small> D-92		<small>Flammable Limits</small> Lower NA % Upper %
	<small>Autoignition Temperature/Fire Point Undiluted</small> °C >380 °F				
	<small>EXTINGUISHING MEDIA</small> <input type="checkbox"/> Water-spray <input checked="" type="checkbox"/> Water-fog <input checked="" 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				
	<small>SPECIAL FIRE FIGHTING PROCEDURES</small> <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				
REACTIVITY DATA	<small>STABILITY</small> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable		<small>CONDITIONS CONTRIBUTING TO INSTABILITY</small> <input type="checkbox"/> Thermal decomposition <input type="checkbox"/> Photo degradation <input type="checkbox"/> Polymerization <input type="checkbox"/> Contamination		
	<small>INCOMPATIBILITY - Avoid contact with</small> <input type="checkbox"/> Strong Acids <input type="checkbox"/> Strong Alkalis <input checked="" type="checkbox"/> Strong Oxidizers <input type="checkbox"/> Other (Specify):				
	<small>HAZARDOUS DECOMPOSITION PRODUCTS - THERMAL AND OTHER (list)</small> CO & CO₂ IF INCOMPLETE COMBUSTION.				
	<small>CONDITIONS TO AVOID</small> <input type="checkbox"/> Heat <input checked="" type="checkbox"/> Open Flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input type="checkbox"/> Other (specify):				
SPILL OR LEAK	<small>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED</small> <input type="checkbox"/> Flush with Water <input checked="" type="checkbox"/> Absorb with sand or inert material <input type="checkbox"/> Neutralize <input checked="" type="checkbox"/> Sweep or scoop up and remove <input type="checkbox"/> Keep upwind Evacuate enclosed spaces. <input type="checkbox"/> Prevent Spread or spill <input type="checkbox"/> Dispose of Immediately <input type="checkbox"/> Other (specify)				
	<small>WASTE DISPOSAL METHOD - Consult federal, state, or local authorities for proper disposal procedures.</small> <p style="text-align:center;">ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS.</p>				

CONTINUED ON
REVERSE SIDE



