

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.

<b>PRODUCT IDENTIFICATION</b>	PRODUCT NAME: AFR-10 AntiFreeze Restoration		EMERGENCY PHONE NO(S): CHEMTREC 24-HOURS 800-424-9300 OR 703-527-3887	
	CHEMICAL NAME: Nonhazardous water treatment chemical		CHEMICAL FAMILY: Inhibitors	
	SYNONYMS:			
<b>INGREDIENTS</b>	MATERIALS OR COMPONENTS	% W	CAS NUMBER	CARCINOGEN OSHA OR IARC
	Proprietary blend -			
	No hazardous components			
<b>SHIPPING INFORMATION</b>	Not restricted. Classification: Chemical, NOI, packaged in (container size), Item No. 043940, Sub 2, Class 85 Hazard Class: Nonhazardous			
<b>PHYSICAL PROPERTIES</b>	BOILING POINT/RANGE UNDILUTED °C 212 °F	MELTING POINT NA °C °F	FREEZING POINT °C 31 °F	MOLECULAR WEIGHT (CALCULATED) NA
	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 1.01 @ 16 °C	VAPOR PRESSURE (mm Hg) NE °C °F	VAPOR DENSITY (AIR = 1) NE	
	SOLUBILITY IN H <sub>2</sub> O 100%	% VOLATILES BY VOLUME NA	EVAPORATION RATE NE <input type="checkbox"/> Ether = 1 <input type="checkbox"/> Water = 1 <input type="checkbox"/> Butyl acetate = 1	
	APPEARANCE & ODOR Clear, slightly hazy liquid, mild almond		OTHER	
<b>FIRE &amp; EXPLOSION DATA</b>	FLASH POINT UNDILUTED & TEST METHOD NA °C °F	FLAMMABLE LIMITS LOWER NA% UPPER %	AUTOIGNITION/FIREPOINT UNDILUTED NA °C °F	
	EXTINGUISHING MEDIA <input checked="" type="checkbox"/> Water Spray <input type="checkbox"/> Water fog <input type="checkbox"/> Water stream <input checked="" type="checkbox"/> CO <sub>2</sub> <input 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 type="checkbox"/> Water may cause frothing <input type="checkbox"/> Do not use water <input checked="" type="checkbox"/> Other (specify): None			
	UNUSUAL FIRE & EXPLOSION HAZARDS <input type="checkbox"/> Dust explosion hazard <input type="checkbox"/> Sensitive to shock <input type="checkbox"/> Contamination <input type="checkbox"/> Temperature <input checked="" type="checkbox"/> Other (specify): None			
<b>REACTIVITY DATA</b>	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 checked="" type="checkbox"/> Strong acids <input type="checkbox"/> Strong alkalis <input checked="" type="checkbox"/> Strong oxidizers <input checked="" type="checkbox"/> Other (specify): Ammonium compounds, reducing agents, particularly cyanides, thiocyanates & thiosulfates			
	HAZARDOUS DECOMPOSITION PRODUCTS – THERMAL AND OTHER (list) Gaseous nitrogen oxides, which are oxidizers; leaves a caustic residue			
	CONDITIONS TO AVOID <input type="checkbox"/> Heat <input type="checkbox"/> Open flames <input type="checkbox"/> Sparks <input type="checkbox"/> Ignition sources <input checked="" type="checkbox"/> Other (specify): None known			



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<b>SPECIAL PROTECTION INFORMATION</b>	<b>VENTILATION REQUIREMENTS – Always maintain exposure below permissible exposure limits</b> <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):			
	<b>EYE</b> <input type="checkbox"/> Safety glasses <input checked="" type="checkbox"/> Face shield <input type="checkbox"/> Other: <input checked="" type="checkbox"/> Goggles	<b>HAND (Glove Type)</b> <input type="checkbox"/> Polyvinyl chloride <input checked="" type="checkbox"/> Neoprene <input type="checkbox"/> Natural rubber <input type="checkbox"/> Polyethylene <input checked="" type="checkbox"/> Other (specify): <b>Buna-N</b>		
	<b>RESPIRATOR TYPE – Use only NIOSH/MESA approved equipment</b> <input type="checkbox"/> Self-contained <input type="checkbox"/> Supplied air <input type="checkbox"/> Can or cartridge gas or vapor <input checked="" type="checkbox"/> Filter-dust, fume, mist <input type="checkbox"/> Other (specify):			
	<b>OTHER PROTECTIVE EQUIPMENT</b> <input type="checkbox"/> Rubber boots <input type="checkbox"/> Apron <input checked="" type="checkbox"/> Other (specify): <b>None</b>			
<b>SPECIAL PRECAUTIONS</b>	<b>PRECAUTIONARY NOTES</b> <input checked="" type="checkbox"/> Wash thoroughly after handling <input checked="" type="checkbox"/> Do not get in eyes or on clothing <input checked="" 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):			
	<b>OTHER HANDLING AND STORAGE CONDITIONS</b> <b>Do not store in temperatures below 32oF; product will freeze.</b>			
<b>PREPARED BY:</b> Amy Dent		<b>DATE:</b> 8-30-05	<b>REV. NO.:</b> 1	<b>PHONE:</b> 814-786-0166
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