

Revision Date: April 10, 2008

## MATERIAL SAFETY DATA SHEET

PRODUCT NAME:	<b>SPC WATER PRIMER</b>
MANUFACTURER:	<b>ELECTRO ARC MFG. COMPANY 161 ENTERPRISE DRIVE ANN ARBOR, MI 48103 (734) 761-5400</b>
EMERGENCY PHONE NO. CHEMTREC:	<b>1-800-424-9300</b>
PROPER SHIPPING NAME, HAARD CLASS, I.D. NO.:	Lubricating Compound (containing <50% petroleum oil)
CHEMICAL FAMILY:	Petroleum Hydrocarbons
FORMULA:	Proprietary

### SECTION I- COMPOSITIONAL INGREDIENTS:

CAS REG. NO.	%V	INGREDIENTS:	OSHA PEL ACGIH TLV:
8002-05-9	<45%	MINERAL OIL	5 mg/m <sup>3</sup> (mist)
68-608-26-4	<10%	SULFURIZED EMULSIFIER ADDITIVES	
	5.5%	HYDRODYNE "C":	
64-17-5		ETHANOL	
9016-45-9		ETHYLENE OXY	
577-11-7		DIOCTYL SODIUM SULFO SUCCINATE	
107-21-1		ETHYLENE GLYCOL	
		WATER	
NON HAZARDOUS	.1%	GREEN FOOD COLORING	
	39.4%	WATER	

### SECTION II- HEALTH HAZARD STATEMENT

HAZARD DESCRIPTION: Eye contact with concentrate can cause irritation and burning. Extended skin exposure can cause irritation and possible dermatitis. Inhalation of high concentrations of mists, or vapors from heated product, can cause nose and throat irritation, nausea, and change in respiratory performance. May be harmful if swallowed; possible aspiration hazard. Do not mix with nitrites.

EXPOSURE LIMITS: Mixture not tested. Avoid eye and any unnecessary skin contact. Keep clean. Avoid Inhalation overexposure.

### SECTION III – PHYSICAL DATA

BOILING POINT:	~ 212 F
VAPOR PRESSURE mm Hg:	Not Established
VAPOR DENSITY (AIR=1):	Not Established
SOLUBILITY IN WATER:	Complete
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	0.95 Typical
PERCENT VOLATILE BY VOLUME (%):	~ 45% (AS WATER)
VOC:	NIL
EVAPORATION RATE (WATER):	~ 1
pH:	9.8 Typical
APPEARANCE AND ODOR:	Off milky white liquid with mild bland petroleum odor.

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

NFPA HAZARD RATING		HAZARD RATING SCALE	
HEALTH:	1	0 = Minimal	3 = Serious
FLAMMABILITY:	1	1 = Slight	4 = Severe
REACTIVITY:	0	2 = Moderate	
SPECIAL:	NONE		

FLASH POINT:	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
FLAMMABLE LIMITS IN AIR:	Not Applicable
EXTINGUISHING MEDIA:	Not Applicable

**SPECIAL FIRE FIGHTING PROCEDURES:** If involved in a fire, avoid breathing fumes, wear self contained breathing apparatus. A water spray may be used to keep fire-exposed containers and surroundings cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** “Empty” product containers retain product residue. Do not pressurize, cut, heat, weld or expose such containers to flame; they may explode and cause injury or death.

**SECTION V – HEALTH HAZARD DATA****ROUTE OF EXPOSURE AND EFFECTS**

**EYES:** Eye contact with concentrate can cause irritation and burning (administer first aid promptly).

**SKIN:** Dry skin, dermatitis, irritation and possible tissue injury can result from prolonged or repeated Exposures.

**INHALATION:** Excessive inhalation in mist, or vapor form from heated product, can cause respiratory Tract irritation with change in respiratory performance.

**INGESTION:** May be harmful if swallowed; ingestion can cause irritation of the mouth, esophagus and stomach. If vomited, possible aspiration hazards to lungs with danger of chemical pneumonitis. Large quantities ingested may cause internal injuries (i.e. kidney injury).

**EMERGENCY FIRST AID PROCEDURES:**

**EYES:** Flush with large amounts of water holding eyelids apart and away from eyeballs. Remove contact lens to assure complete flushing. Seek medical attention if irritation persists.

**SKIN:** Wash exposed area(s) thoroughly with mild soap and water. Change all contaminated clothing. **INHALATION:** Remove to fresh air immediately. If breathing has stopped, apply artificial respiration and administer oxygen if necessary.

**INGESTION:** Get immediate qualified medical attention. Possible aspiration hazard. Ingredients include petroleum oil, sulfur emulsifiers, surfactants, and glycol's.

**SECTION VI – CHEMICAL REACTIVITY**

**STABILITY:** Stable under normal conditions. Not chemically reactive.

**CONDITIONS TO AVOID:** Contact with strong oxidizers (like peroxides, chlorine, oxygen under pressure, strong oxidizing acids), extreme heat or sources of ignition.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, sulfur, and hydrogen sulfide from combustion. Asphyxiates. Reactive volatile hydrocarbons from thermal decomposition.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION VII – SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Eliminate all ignition sources.

Contain spill at source and prevent discharges to streams or sewer systems. Absorb on an Absorbent material. Clean spill area with detergent solutions. Provide adequate ventilation during cleanup.

Avoid unnecessary contact with liquid by use of oil-impervious gloves, boots or other protective clothing as needed. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land area.

**WASTE DISPOSAL METHOD:** Treat effluent with acid/alum and/or polymer. Deposit recovered oil in waste oil system, incinerate under approved conditions, or transfer oil to approved re-refiner. Contaminated absorbent and solids may be put in approved landfill. Deposit of liquid in landfill is strictly regulated (40 CFR 265.341). Follow federal, state and local regulations.

**SECTION VIII – SPECIAL PROTECTION AND PROCEDURES**

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved respiratory protection where mist

May be generated: follow manufacturers recommendations. Inhalation of mist or vapors should be avoided.

**VENTILATION:** Local or mechanical ventilation must be sufficient to control mists below TLV level.

**PROTECTIVE EQUIPMENT:** Barrier creams, oil-impervious gloves and sleeves, apron or other protective gear, including eye shield, may be used to reduce chance of contact. Store contaminated clothing in a well-ventilated area, launder before reuse. Saturated shoes should be discarded.

**SECTION IX – SPECIAL PRECAUTIONS**

**HANDLING AND STORAGE:** Avoid extremes of temperature in storage. Store in dry area away from extreme heat in well ventilated area above 40 degree F. Avoid contamination. Do not store in unlabeled containers. Store away from strong oxidizers. Avoid breathing fumes or mists.

**PERSONAL:** Practice good housekeeping. Clean up spills promptly to avoid slippery footing. Have needed protective equipment and eyewash available.

**PRECAUTIONS:** Good personal hygiene is most important. Keep clean. Do not continue to wear coolant soaked clothing. Launder clothing before reuse. Discard soaked leather goods. Wash before eating. Use emollient cream to counter dry skin if needed. Persons wearing contact lenses may be at greater risk of eye irritations.