



COOLANT CONTROL INC.

MATERIAL SAFETY DATA SHEET

Vuldra FT 303A

HEAVY - DUTY
SYNTHETIC DRAWING COMPOUND

Material Identification and Use

PRODUCT IDENTIFIER: **Vuldra FT 303A**
PRODUCT USE: Water Soluble Heavy - Duty Drawing Compound
MANUFACTURER'S NAME: Coolant Control Inc
MANUFACTURER'S ADDRESS: 5353 Spring Grove Ave
Cincinnati, OH 45217
MANUFACTURER'S PHONE: (513) 471-8770
DATE PREPARED: 1/24/07

Hazardous Ingredient Information

<u>CHEMICAL IDENTITY</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>Percent Optional</u>	<u>CAS Number</u>
Phosphoric Acid, 2 - Ethylhexyl Ester	3 mg/M ³	3 mg/M ³		< 15.0	12645-31-7
Potassium Hydroxide	2 mg/m ³	2 mg/m ³		< 5.0	1310-58-3

Physical Data for Product

BOILING POINT 212° F
VAPOR PRESSURE (mm Hg.) Not Determined
VAPOR DENSITY (Air =1) Not Determined
SOLUBILITY IN WATER Complete
APPEARANCE AND ODOR Viscous Straw Color Liquid – Slight Alcohol Odor
SPECIFIC GRAVITY (H2O=1) 1.05 @ 60° F
MELTING POINT N/A
EVAPORATION RATE (Butyl Acetate=1) << 1

Fire and Explosion Hazard of Product

FLASHPOINT AND METHOD
OF DETERMINATION > 300° F (ASTM D92)
LOWER EXPLOSION LIMIT
(% By Volume) Not determined
UPPER EXPLOSION LIMIT
(% By Volume) Not determined
MEANS OF EXTINCTION Use water spray, dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water spray to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures. Minimize breathing gasses, vapor, fumes, or decomposition products. Use supplied-air

breathing equipment for enclosed or confined spaces, or as otherwise needed.

FOR FIRE

Self contained breathing equipment and chemical resistant clothing recommended.

EXPLOSION DATA

Extreme heat may cause sealed containers to rupture. Cool fire exposed containers with water spray.

 Reactivity Data

CHEMICAL STABILITY

Stable

DECOMPOSITION TEMPERATURE

Not determined

INCOMPATIBLE MATERIALS

None known

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of carbon, nitrogen, and phosphorous from combustion.

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID

Will not occur

None known

 Health Hazard Data

ROUTES OF ENTRY

SKIN CONTACT

Not likely under normal usage.

INHALATION

Not likely under normal usage.

INGESTION

Not likely under normal usage.

HEALTH HAZARDS

Direct contact with the eyes can cause irritation, redness or blurred vision. Product may be slightly to moderately irritating to the skin.

CARCINOGENICITY

Non carcinogenic

SYMPTOMS OF EXPOSURE

Contact with the skin may cause transient dermal irritation or dryness.

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE

Not determined

SPECIFIC FIRST AID PROCEDURES

EYES

Flush with clear water for 15 minutes.

SKIN CONTACT

Wash thoroughly with mild soap and water.

Contact a Physician if irritation persists.

INGESTION

Has laxative effect resulting in rapid elimination.

Do not induce vomiting. Consultation with a physician is recommended.

 Precautions for Safe Handling and Use

LEAK AND SPILL PROCEDURES

Contain spill. Collect and return large amounts to shipping container. Rinse spill area with soap and water. Keep product out of sewers and watercourses. Advise authorities if product has entered sewers, watercourses or extensive land areas.

WASTE DISPOSAL Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

HANDLING AND STORING PROCEDURES Keep out of eyes. Do not reuse container. Do not store sealed container near extreme heat. Do not store or mix with strong acids or oxidizers.

Control Measures

RESPIRATORY PROTECTION Generally not needed.
 LOCAL EXHAUST N/A
 MECHANICAL EXHAUST N/A
 SPECIAL EXHAUST N/A
 OTHER VENTILATION N/A
 PROTECTIVE GLOVES Use chemical-resistant gloves to avoid prolonged or repeated skin contact.
 EYE PROTECTION Use safety glasses with side shield.
 WORK/HYGENIC PROCEDURES Always wash skin after contact with product.

Other Product Data

NFPA* RATING		HMIS* RATING	
HEALTH	1	HEALTH	1
FLAMMABILITY	1	FLAMMABILITY	1
REACTIVITY	0	REACTIVITY	0
SPECIAL	-	PERSONAL PROTECTION	B

* National Fire Protection Agency

*Hazardous Material Identification System

Regulatory Information

DOT PROPER SHIPPING NAME Non-regulated
 DOT HAZARD CLASS Non-hazardous
 DOT IDENTIFICATION NUMBER Not applicable
 DOT PACKING GROUP Not applicable
 DOT LABEL REQUIRED Not applicable
 SARA TITLE III
 SECTION 302 Extremely Hazardous Substance None
 SECTION 311/312 Hazardous Categories Not applicable
 SECTION 313 Toxic Chemicals None
 CERCLA REPORTABLE QUANTITY Not applicable
 TSCA INVENTORY STATUS Chemical components listed on TSCA inventory
 RCRA WASTE NUMBER Not applicable