



COOLANT CONTROL INC.

MATERIAL SAFETY DATA SHEET

Vuldra 700

WATER SOLUBLE HEAVY - DUTY
CHLORINE FREE DRAWING COMPOUND

Material Identification and Use

PRODUCT IDENTIFIER: **Vuldra 700**
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: 7/27/06

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>
Petroleum Hydrocarbon	5 mg/m ³	5 mg/m ³		< 30.0	64742-52-5

Physical Data for Product

BOILING POINT 212° F
VAPOR PRESSURE (mm Hg.) Not Determined
VAPOR DENSITY (Air =1) Not Determined
SOLUBILITY IN WATER Emulsifiable
APPEARANCE AND ODOR White Emulsion – Slight Petroleum Odor
SPECIFIC GRAVITY (H2O=1) 0.89 @ 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
CONDITIONS TO AVOID	None known
INCOMPATIBLE MATERIALS	None known
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of carbon, nitrogen, and sulfur from combustion.
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID	Will not occur None Special

 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