

MATERIAL SAFETY DATA SHEET

Ricmar Industries
889 N. Larch Avenue
Elmhurst, IL 60126

GENERAL INFORMATION NUMBER: (630) 595-9500 REVISION DATE: Nov. 10, 2004
INFOTRAC: (800) 535-5053 DATE OF ISSUE: Nov. 29, 2004

I - Product Identification

Diesel Fuel Anti-Gel

PRODUCT CODE: 0654

CHEMICAL FORMULATION: Diesel fuel additive.

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Solvent naphtha (petroleum), light aromatic	35.0-45.0	N/E	N/E	N	N	N	64742-95-6
1,2,4-Trimethylbenzene	15.0-25.0	25 ppm	25 ppm	N	N	Y	95-63-6
Xylene	< 3.00	100 ppm	100 ppm	Y	N	Y	1330-20-7
Cumene	< 2.00	50 ppm (skin)	50 ppm	Y	N	Y	98-82-8
Naphthalene	< 3.00	10 ppm	10 ppm	N	N	Y	91-20-3
Vinyl acetate	< 0.1	10 ppm	10 ppm	Y	N	Y	108-05-4
Heavy aromatic naphtha	20.0-30.0	N/E	N/E	N	N	N	Mixture

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): N/D SPECIFIC GRAVITY (WATER = 1): 0.89
VAPOR PRESSURE (mm Hg): N/D VOC CONTENT (% by weight): N/D
VAPOR DENSITY (AIR = 1): N/D EVAPORATION RATE (WATER = 1): > 1.0
SOLUBILITY IN WATER: Insoluble pH: N/A
APPEARANCE AND ODOR: Slightly hazy, colorless liquid, characteristic solvent odor.

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): 120 (TEST METHOD): Closed cup
FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D LOWER: N/D
EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARD: Solvent vapors may cause flashback. Vapors are heavier than air and may travel along the ground or moved by ventilation.

V - Reactivity Data

STABILITY: Stable**INCOMPATIBILITY:** Oxidizers, strong acids.**CONDITIONS TO AVOID:** Excess heat and open flame.**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce oxides of carbon.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION: X** **EYE CONTACT: X** **SKIN CONTACT: X** **INGESTION: X**
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS: Vinyl acetate (CAS#: 108-05-4).**EFFECTS OF OVEREXPOSURE****IF IN EYES:** Slightly irritating.**IF ON SKIN:** Redness, dryness, irritation, dermatitis with prolonged or repeated exposure. May aggravate existing dermatitis condition.**IF SWALLOWED:** Small amounts of this product aspirated into the respiratory system during ingesting or vomiting may cause mild to severe pulmonary injury, possibly progressing to death.**IF INHALED:** Irritation to upper respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other CNS effects, including death.**EMERGENCY AND FIRST AID PROCEDURES****IF IN EYES:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.**IF ON SKIN:** Wash with soap and water. Remove contaminated clothing including shoes after washing with water. If irritation persists, obtain medical attention.**IF SWALLOWED:** Contact physician or poison control center immediately. Do not induce vomiting.**IF INHALED:** Remove person to fresh air. Administer artificial respiration if breathing has stopped. Obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area and remove all sources of ignition. Contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.**WASTE DISPOSAL METHOD:** Consult local environmental authorities.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded wear a NIOSH approved respirator, following manufacturer's recommendations.**VENTILATION****LOCAL:** Recommended**MECHANICAL:** Not required**PROTECTIVE GLOVES:** Chemical resistant.**EYE PROTECTION:** Safety glasses and/or face shield.**OTHER PROTECTIVE EQUIPMENT:** Eye wash station, protective clothing.**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place away from heat and open flame. Keep container tightly closed when not in use.**OTHER PRECAUTIONS:** Keep out of reach of children.

IX - Transportation Information (ground transportation only)

DOT PROPER SHIPPING NAME: None**DOT CLASS:** None**DOT ID NUMBER:** None**DOT PACKING GROUP:** None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

REVISION DATE: November 11, 2004**Prepared by:** PMR**DATE OF ISSUE:** December 29, 2004

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Total Solutions assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material such vendees or users assume all risks associated with the use of this material.