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MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

GENERIC NAME: Diesel Fuel Anti-Gel & Conditioner **ISSUE DATE:** SEPTEMBER 2009

TRADE NAMES:

1. RALLYE® Diesel Fuel Anti-Gel & Conditioner

CAS NUMBER: Mixture
SYNONYMS / GENERAL NAMES: Fuel Oil Additive / Petroleum Product Additive
24 HOUR EMERGENCY TELEPHONE: (CHEMTREC) 1-800-424-9300
TECHNICAL INFORMATION: 813-248-1988

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	%	HAZARD DATA
Petroleum Oils	684776-34-6	> 97	Oral LD50 (rat): >15000 mg/kg Skin LD50 (rabbit): > 2000 mg/kg
Petroleum Additive	Mixture	< 3	NE

3. HAZARDOUS IDENTIFICATION

EYE CONTACT:	Slightly irritating but does not injure eye tissue.
SKIN CONTACT:	Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.
INHALATION:	Negligible hazard at ambient temperature (-18 to 38° C; 0 to 100° F) High vapor/aerosol concentrations (greater than approximately 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, other central nervous system effects, including death.

4. FIRST AID MEASURES

EYES:	Flush with large volumes of water. See physician if any complications arise.
DERMAL:	Wash with soap and water. Do not wear heavily contaminated clothing before laundering.
INGESTION:	Do NOT induce vomiting. Immediately seek medical attention.
INHALATION:	Remove to fresh air. If not breathing, give artificial respiration. Seek medical aid.
CHRONIC EFFECTS:	This product contains vinyl acetate monomer. The International Agency for Research on Cancer (IARC) evaluated vinyl acetate in 1995 and found it to be a possible human carcinogen, Classification 2B.

5. FIRE FIGHTING MEASURES

FLASH POINT, °C (°F): 122°F
EXTINGUISHING MEDIA: Carbon Dioxide, dry chemical, regular foam, or water spray. Spattering and foaming may occur from spraying water or foam on high-flash -point liquids.
SPECIAL FIRE FIGHTING PROCEDURES: Keep storage containers cool with water spray. Positive-pressure, self-contained breathing apparatus (SCBA) and structural firefighters'
AUTOIGNITION TEMP: 842°F
GENERAL HAZARD: Combustible Liquid can form combustible mixtures at temperatures at or above the flashpoints. Toxic gases will form upon combustion. "Empty" containers may retain residue and can be dangerous. Do NOT pressurize, cut, weld, braze, solder, drill, grind, or expose to heat, flame, sparks, static, or other sources of ignition; they may explode and cause injury or death.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Remove all ignition sources. Stop leak if you can do it without risk. Ventilate area and avoid breathing vapor or mist. Contain away from surface waters and sewers. Contain as a liquid for possible recovery or sorb with compatible sorbent material and shovel into collapsible container for disposal.

7. HANDLING AND STORAGE

HANDLING PROCEDURES: Keep away from intense heat, sparks, or flame. Empty containers may contain product residue, which could include flammable or explosive vapors.
STORAGE PROCEDURES: Do not apply heat or flame to container. Keep separate from strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:	Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits.
SKIN PROTECTION:	Where skin contact is likely, wear Neoprene, Nitrile, or equivalent gloves; use of natural rubber or equivalent gloves is not recommended.
EYE PROTECTION:	Safety goggles, or chemical splash goggles if splashing is anticipated.
RESPIRATORY PROTECTION:	Normally none required. If high vapor or mist concentrations expected - use respirator approved or organic vapors and mists.
CLOTHING RECOMMENDATION:	Wear appropriate chemical-resistant apron or other protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

pH:	NA
VAPOR PRESSURE, mm Hg:	Less than 3 mm Hg at 100° F
VAPOR DENSITY:	7.7 lbs. / gal at 60° F
BOILING POINT, 760 mm Hg, °C:	424° F (218° C)
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	greater than air (air=1)
EVAPORATION RATE:	0.1 (ethyl ether = 1)
MOLECULAR WEIGHT:	NA
FREEZING POINT, Deg F:	less than Ambient
VISCOSITY, cSt at Deg F:	43 at 104° F Typical / 120 at 68° F

10. STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	Strong oxidizing agents.
POLYMERIZATION:	Will not occur

11. TOXICOLOGICAL INFORMATION

EYE IRRITATION:	May be mildly irritating.
DERMAL IRRITATION:	Transient, slight irritant.
INJECTION:	Subcutaneous or intramuscular injection may cause irritation, erthema, and edema.

12. HEALTH INFORMATION

No	HIGHLY TOXIC	No	SENSITIZER
No	TOXIC	No	REPRODUCTIVE EFFECTS
No	CORROSIVE	No	MUTAGEN
No	IRRITANT	No	TARGET ORGAN

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: It is the responsibility of the user to determine if the material is a hazardous waste at the time of disposal. Check before disposing to be sure that you are in compliance with all applicable laws and regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING DESCRIPTION: Petroleum Distillates. N.O.S. Solution, Combustible Liquid, UN 1268, III

15. REGULATORY INFORMATION**SARA SECTION 313 - TOXIC CHEMICALS:**

This product contains toxic chemicals under SARA Section 313 and 40 CFR Part 372.

COMPONENT	CAS #	%
Diesel oil	684776-34-6	> 97 %

SARA SECTION 311 - HAZARD CATEGORIES:

This product may meet one or more of the criteria for the hazard categories defined in 40 CFR Part 370 as established by Sections 311 and 312 of SARA as indicated below:

No	IMMEDIATE (ACUTE) HEALTH HAZARD	No	SUDDEN RELEASE OF PRESSURE HAZARD
No	DELAYED (CHRONIC) HEALTH HAZARD	No	REACTIVE HAZARD
Yes	FIRE HAZARD		

SARA SECTION 302 - EXTREMELY HAZARDOUS WASTE:

This product is not known to contain any components in concentrations greater than one percent that are listed as Extremely Hazardous Substances in 40 CFR Part 355 pursuant to the requirements of Section 302(a) of SARA.

CLEAN WATER ACT (CWA):

Under the CWA, discharges of crude oil and petroleum products to surface water without proper Federal and State permits must be reported immediately to the National Response Center at (800) 424-8802.

CERCLA HAZARDOUS SUBSTANCES:

As defined by CERCLA, the term "hazardous substance" does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance.

U.S. TSCA INVENTORY

All components of this material are on the U.S. TSCA Inventory or are not required to be listed on the U.S. TSCA Inventory

16. OTHER INFORMATION

THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. RALLYE LUBRICANTS BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS.

NFPA HAZARD RATING	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4
HMIS HEALTH RATING	least - 0	slight - 1	moderate - 2	high - 3	extreme - 4