

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFY INFORMATION

MANUFACTURER: Universal Lubricants, Inc.
2824 N. Ohio, Wichita, KS 67219
EMERGENCY PHONE: (316) 832-0151

PRODUCT CODE: D2610
REV. DATE: 03/04/02

PRODUCT NAME: **DYNA-PLEX 21C DIESEL FUEL CONDITIONER**
CHEMICAL NAME: Fuel Additive
CHEMICAL FAMILY: Hydrocarbon
CAS REG. NO.: Mixture

SECTION II - HAZARDOUS INGREDIENTS

NFPA Hazard Classification: HEALTH - 2; FLAMMABILITY - 3; REACTIVITY - 0; HAZARD - 1
(Least-0; Slight-1; Moderate-2; High-3; Extreme-4)

This product contains the following toxic chemicals listed in Section 313 and 40 CFR 372.

Petroleum Distillates 20.00% wt.; Petroleum Solvents 50.00% wt.; Additives 30.00% wt.
CAS NO.: Mixture

New and used motor oils have been tested for potential carcinogenicity in laboratory mice. Only used motor oils were shown to cause skin cancer when repeatedly applied to mice without any effort to remove the material between applications. Strict compliance to the occupational control procedures outlined in this Data Sheet is believed to be adequate protection from such hazards.

SECTION III - PHYSICAL DATA

-Specific Gravity (H ₂ O=1):	0.8086	-Boiling Range:	N/A
-Appearance:	Red Color	-Vapor Pressure (mm Hg.):	N/A
-Odor:	Petroleum Odor	-Percent Volatile by Volume (%):	N/A
-Solubility in Water:	Insoluble		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

-Flash Point (C.O.C.): 80°F
-Flammable or Explosive Limits (% by volume in air): Lower-N/A; Upper-N/A
-Extinguishing Media: Use water fog, foam, dry chemical or CO₂. Do not use a direct stream of water. Product will float and can be reignited on surface of water.
-Special Fire Fighting Procedures: Do not enter confined fire space without proper protective equipment, including a NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.
-Unusual Fire and Explosion Hazards: Do not weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not use pressure to empty drum or explosion may result.

SECTION V - REACTIVITY DATA

-Stability: Stable.
-Conditions to Avoid: Heat, open flames, oxidizing materials and mist formation.
-Materials to Avoid: May react strong with oxidizing materials.
-Hazardous Polymerization: Will not occur.
-Hazardous Decomposition Products: Carbon monoxide, sulfur oxides and unidentified organic compounds may be formed during combustion.

SECTION VI - HEALTH HAZARD DATA

-Threshold Limit Value: No OSHA exposure standard on threshold limit value has been established for this material. The suggested TLV is 5 mg/m₃ for a daily 8 hour exposure.
-This product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

SECTION VII - EMERGENCY AND FIRST AID PROCEDURES

- Eye Contact:* Flush with water for 15 minutes while holding eyelids open. Seek medical attention.
- Skin Contact:* Remove contaminated clothing and wipe excess off. Wash with soap and water or a waterless hand cleaner followed by soap and water. Do not reuse clothing until thoroughly cleaned. If irritation persists, seek medical attention.
- Inhalation:* Remove victim to fresh air and provide oxygen if breathing is difficult. Seek medical attention.
- Ingestion:* Do not induce vomiting. In general, no treatment is necessary unless large quantities of product are ingested. However, get medical advice.

SECTION VIII - SPECIAL PROTECTION INFORMATION

- Respiratory Protection: Concentration in air determines protection needed. Use only NIOSH certified respiratory protection, either an atmosphere supplying or an air-purifying respirator for organic vapors.
- Ventilation: Local exhaust. Face velocity >60 fpm.
- Protective Gloves: Impervious gloves recommended to protect against contact with product.
- Eye Protection: Product minimally irritating to eyes. Local safety policy decision. Safety goggles or face shield recommended, but optional.
- Skin: Exposed persons should exercise reasonable personal cleanliness. This includes cleansing exposed skin areas several times daily with soap and water and laundering or dry cleaning soiled work clothing at least weekly.
- Inhalation: None required if exposures are within permissible concentrations (5 mg/m₃ for 8 hour exposure).
- Other Protective Equipment: Avoid all skin contact. If contact is unavoidable, wear impervious protective gear.

SECTION IX - SPILL OR LEAK PROCEDURES

- Steps to be taken in case material is released or spilled: Wear respirator and protective clothing as appropriate. Dike and contain. Remove with vacuum trucks or pump to storage/ salvage vessels. Soak up residue with absorbent such as clay, diatomaceous earth, sand or other suitable material. Dispose of properly.
- Waste Disposal Method: Waste classification - product has been evaluated for RCRA characteristics and does not meet criteria of a hazardous waste if discarded in its purchased form. When disposing of non-recyclable material, compliance with federal, state and local regulations is mandatory.
- This product is classified as an oil under Section 311 of the Clean Water Act. Spills entering surface waters, or any watercourses or sewers entering/leading to surface waters that cause a sheen **must** be reported to the National Response Center 1-800-424-8802.

SECTION X - HANDLING AND STORAGE

NFPA Class III B rating. Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Avoid storing near sources of ignition.