

=====
MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to
comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.
=====

PRODUCT NUMBER: 542
IDENTITY: GEAR LUBE EF Revision Date: 12/04/2003

Section I

Manufacturer's Name:QUEST CHEMICAL CORPORATION Telephone Numbers:
Address: 12255 FM 529 Emergency:
NORTHWOODS INDUSTRIAL PARK 800/255-3924
HOUSTON Information:
State: TX Zip Code:77041 713/8968188

HMIS CODES: REACTIVITY: 1 FLAMMABILITY: 3 HEALTH: 1 PERSONAL PROTECT: B

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the
ingredients contained in this product are listed on the TSCA inventory.)

Table with 6 columns: Name, Cas No., OSHA PEL, ACGIH TLV, OTHER LIM, %. Rows include HEPTANE, HYDROTREATED PET. OILS, PETROLEUM RESINS, PROPANE/N-BUTANE.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 156 Specific Gravity (water=1) 0.82
Vapor Pressure(mm Hg) NE Melting Point: N/A
Vapor Density(AIR=1) >1 Evaporation Rate: >1
Solubility in Water: 0% (Butyl Acetate=1)
Appearance and Odor: BLACK ASPHALT LIKE MATERIAL, PETROLEUM SOLVENT ODOR

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):122 F Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. DO NOT EXPOSE
TO TEMPERATURES ABOVE 120 F.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 542

=====  
Stability: Unstable:            Conditions to avoid: .  
                  Stable: X            TEMPERATURES ABOVE 120 F  
Incompatibility (Materials to Avoid): SOME PLASTICS

Hazardous Decomposition or Byproducts: NONE

Hazardous Polymerization:            May Occur:                            Will Not Occur: X  
Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

=====  
Routes of Entry:            Inhalation: YES            Skin: YES            Ingestion: YES  
Health Hazards (Acute and Chronic):  
INHALATION: DIZZINESS. EXCESSIVE EXPOSURE MAY CAUSE UNCONSCIOUSNESS.  
EYES: IRRITATION AND REDDENING. SKIN: MAY CAUSE IRRITATION OR DEFATTING.  
INGESTION: MAY CAUSE NAUSEA, VOMITING, ABDOMINAL CRAMPS OR DIARRHEA.  
Carcinogenicity: NTP:NO            IARC Monographs:NO            OSHA Reg:NO  
Signs and Symptoms of Exposure: SEE HEALTH HAZARDS ABOVE

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE  
WILL AGGRAVATE RESPIRATORY, PULMONARY OR CARDIOVASCULAR ILLNESSES.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR.  
CONTACT PHYSICIAN. EYES: WASH THOROUGHLY WITH WATER FOR 15 MINUTES. CONSULT  
PHYSICIAN IF NEEDED. SKIN: WASH WITH SOAP AND WATER. CONSULT PHYSICIAN IN  
IRRITATION PERSISTS. INGESTION: CONSULT PHYSICIAN.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

=====  
Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH  
RAG OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL,  
STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER.  
DO NOT REUSE CONTAINER. WRAP AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT USE OR STORE  
NEAR HEAT OR OPEN FLAME. EXPOSURES TO TEMPERATURES ABOVE 120 F MAY CAUSE  
BURSTING.

Other Precautions: NONE

Section VIII: CONTROL MEASURES

=====  
Respiratory Protection: N/A  
Ventilation: Local Exhaust: ADEQUATE  
Mechanical: N/A                            Special: N/A  
Other:                            N/A  
Protective Gloves: CHEMICAL RESISTANT  
Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.  
Other Protective Clothing or Equipment:  
N/A  
Work/Hygienic Practices:  
WASH HANDS AFTER USE.

□