```
OLD WORLD INDUSTRIES INC -- PEAK ANTIFREEZE & COOLANT -- 6850-00-135-2850
======== Product Identification ======= Product ID:PEAK
ANTIFREEZE & COOLANT MSDS Date:02/16/2001 FSC:6850 NIIN:00-135-2850 Status
Code: A MSDS Number: CLRZC
=== Responsible Party === Company Name:OLD WORLD INDUSTRIES INC Address:4065
COMMERCIAL AVE City:NORTHBROOK State:IL ZIP:60062-1851 Country:US Info Phone
Num:847-559-2000/2116/FAX: 847-559-2173 Emergency Phone Num:(800)424-9300 Chemtrec
Ind/Phone:(800)424-9300 CAGE:0U3B1
=== Contractor Identification === Company Name:OLD WORLD INDUSTRIES INC
Address: 4065 COMMERCIAL AVE Box: City: NORTHBROOK State: IL ZIP: 60062-1851
Country:US Phone:847-559-2000/2116/FAX: 847-559-2173 CAGE:0U3B1
======= Composition/Information on Ingredients ======= Ingred
Name:ETHYLENE GLYCOL CAS:107-21-1 RTECS #:KW2975000 Minumum % Wt:90.
Maxumum % Wt:95, OSHA PEL:50 PPM ACGIH TLV:50 PPM ACGIH STEL:C127 MG/M3:C50
PPM EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB Ingred Name:DIETHYLENE GLYCOL CAS:111-46-6
RTECS #:ID5950000 Minumum % Wt:0. Maxumum % Wt:5. OSHA PEL:NONE ACGIH
TLV:NONE Ingred Name:DI POTASSIUM PHOSPHATE CAS:7758-11-4 Minumum % Wt:1.
Maxumum % Wt:2. OSHA PEL:NONE ACGIH TLV:NONE
========= Hazards Identification ========= LD50 LC50
Mixture:ORAL, RATS, LD50: 5840 MG/KG (107-21-1) Routes of Entry: Inhalation:YES
Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic: EMERGENCY OVERVIEW: SLIGHT ODOR. MAY BE
FATAL IF SWALLOWED. VAPORS CAN CAUSE EYE IRRITATION. HEALTH HAZARDS:
INHALATION, SKIN, INGESTION: MAY CAUSE SKIN, EYE AND MUCOUS MEMBRANE
IRRITATION. INHALATION OF HIGH CONCENTRATIONS OF MIST OR VAPORS MAY
CAUSE NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION, LETHARGY. Explanation of
Carcinogenicity: THE ABSENCE OF CARCINOGENIC POTENTIAL FOR ETHYLENE GLYCOL
HAS BEEN SUPPORTED BY NUMEROUS IN VITRO GENOTOXICITY STUDIES SHOWING
THAT IT DOES NOT PRODUCE MUTAGENIC OR CLASTOGENIC EFFECTS.NO EVIDENCE
FOR CARCINOGENICITY WAS FOUND WITH A CHRONIC SKIN-PAINTING STUDY WITH
DIETHYLENE GLYCOL IN MICE. Effects of Overexposure: SKIN, EYE AND MUCOUS
MEMBRANE IRRITATION, LETHARGY, NAUSEA, DEFATTING OF SKIN, CNS
DEPRESSION. ========= First Aid Measures
LIFTING LOWER AND UPPER LIDS. GET MEDICAL ATTENTION. CONTACT LENSES
SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL. SKIN: FLUSH
EXPOSED SKIN AREA WITH WATER
                                 FOR 15 MINUTES WHILE REMOVING
CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.
WASH CLOTHING BEFORE RE-USE. INHALATION: MOVE TO FRESH AIR AND GET
EMERGENCY MEDICAL CARE. IF NOT BR EATHING, GIVE ARTIFICIAL RESPIRATION. IF
BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: GET MEDICAL ATTENTION. IF
PERSON IS FULLY CONSCIOUS, GIVE TWO GLASSES OF WATER. DO NOT INDUCE
Fire Fighting Measures ========= Flash Point Method:SCC Flash
Point:=119.4C, 247.F Autoignition Temp:=397.8C, 748.F Lower Limits:3.2 Upper Limits:15.3
Extinguishing Media:WATER FOG OR FINE SPRAY, CO2, DRY CHEMICAL, ALCOHOL
RESISTANT FOAMS (ATC TYPE), SYNTHETIC FOAMS (INCLUDING AFFF), PROTEIN
FOAMS. DO NOT USE DIRECT WATER STREAM, MAY SPREAD FIRE. Fire Fighting
Procedures: WEAR POSITIVE-PRSSURE, SELF-CONTAINED BREATHING APPARATUS
(SCBA) AND PROTECTIVE FIRE FIGHTING CLOTHING (INCLUDES FIRE-FIGHTING
HELMET, COAT, PANTS, BOOTS AND GLOVES). Unusual Fire/Explosion Hazard:NO FIRE
```

AND EXPLOSION HAZARDS EXPECTED UNDER NORMAL STORAGE AND HANDLING CONDITIONS (I.E. AMBIENT TEMPERATURES). HOWEVER, ETHYLENE GLYCOL OR SOLUTIONS OF ETHYLENE GLYCOL AND WATER CAN FORM FLAMMABLE V APORS WITH AIR IF HEATED SUFFICIENTLY. KEEP PEOPLE AWAY. ISOLATE FIRE AREA AND DENY UNECESSARY ENTRY.

======= Exposure Controls/Personal Protection ======== Respiratory Protection:RESPIRATORY PROTECTION REQUIRED IF TLV EXCEEDED. ANY SELF-CONTAINED, OR SUPPLIED-AIR WITH AUXILIARY SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE AND OPERATED IN PRESSURE-DEMAND OR OTHER PO SITIVE PRESSURE MODE . Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS. Protective Gloves:POLYETHYLENE; NEOPRENE, NITRILE; POLYVINYL ALCOHOL; NATURAL RUBBER, BUTYL. Eye Protection:SAFETY GOGGLES AND FACE SHIELD. Other Protective Equipment:EMERGENCY EYEWASH SHOULD BE AVAILABLE. CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH THIS CHEMICAL. Supplemental Safety and Health

NOTIFICATION OFAP PROPRIATE OFFICIALS.

========== Stability and Reactivity Data ========= Stability Indicator/Materials to Avoid:YES STRONG ACID OR OXIDIZING AGENTS. Stability Condition to Avoid:KEEP AWAY FROM FLAME. Hazardous Decomposition Products:INCOMPLETE COMBUSTION MAY PRODUCE CARBON MONOXIDE GAS. Conditions to Avoid Polymerization:WILL NOT OCCUR.

MOUSE AND 500 MG/KG/DAY FOR THE RAT. SEE MANUFACTURER'S MSDS FO R MORE DETAILED TOXICOLOGICAL DATA.

ECOLOGICAL: ENVIRONMENTAL FATE: MOVEMENT & PARTITIONING: BIOCONCENTRATION POTENITAIAL IS LOW. DEGRADATION & TRANSFORMATION: BIODEGRADATION UNDER AEROBIC STATIC LABORATORY CONDITIONS IS HIGH. DEGRADATION IS EXPECT ED IN THE ATMOSPHERIC ENVIRONMENT WITHIN DAYS TO WEEKS. ECOTOXICOLOGY: MATERIAL IS PARACTICALLY NON-TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50 GREATER THAN 100 MG/L IN MOST SENSITIVE SPECIES). SEE MANUFACTURER'S MSDS FOR FURTHER MORE DETAILED DATA.

=========== Waste Disposal Methods:DO NOT DUMP USED PRODUCT OR DILUTED MATERIAL INTO SEWERS, ON GROUND, OR INTO ANY BODY OF WATER. SPILLS: ENSURE COMPLIANCE WITH ALL APPLICABLE STATUES THAT REQUIRE NOTIFICATION OF APPRPRIATE GOVERNMENT OFFICIALS. DISPOSAL: NO INFORMATION PROVIDED BY MANUFACTURER.

============ Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify an suitability of this information to their particular situation.	d assume responsibility for the