

OLD WORLD INDUSTRIES INC -- ANTIFREEZE,ETHYLENE GLYCOL,INHIBITED,HEAVY DUTY --  
6850-00-181-7933

===== Product Identification =====

Product ID:ANTIFREEZE,ETHYLENE GLYCOL,INHIBITED,HEAVY DUTY

MSDS Date:01/01/1996

FSC:6850

NIIN:00-181-7933

MSDS Number: CDNNY

=== Responsible Party ===

Company Name:OLD WORLD INDUSTRIES INC

Address:4065 COMMERCIAL AVE

City:NORTHBROOK

State:IL

ZIP:60062-1851

Country:U

S

Info Phone Num:847-559-2000

Emergency Phone Num:847-559-2000/800-424-9300(CHEMTREC)

Preparer's Name:MICHAEL REED

CAGE:0U3B1

=== Contractor Identification ===

Company Name:FOURAL ENTERPRISES

Box:UNKNOW

CAGE:0KB23

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 (SARA 313) (C  
ERCLA)

CAS:107-21-1

RTECS #:KW2975000

Fraction by Wt: 90 - 95%

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:C STEL39PPM,A4,VAP96

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:DIETHYLENE GLYCOL

CAS:111-46-6

RTECS #:ID5950000

Fraction by Wt: 0 - 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM PHOSPHATE; DIBASIC

CAS:7758-11-4

Fraction by Wt: 1 - 2%

Other REC Limits:NONE RECOMMENDED

5840 MG/KG (107-21-1)

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS & GI TRACT. ACUTE- EYES:MILD IRRITATION. SKIN:PROLONGED/REPEATED EXPOSURE MAY RESULT IN ABSORPTION. INHALE:AT ROOM TEMPERATURE, EXPOSURES TO VAPORS ARE MINIMAL. ORAL:MODE RATELY TOXIC. EXCESSIVE EXPOSURE MAY CAUSE CNS EFFECTS, KIDNEY FAILURE & EVEN DEATH. CHRONIC- MAY EFFECT LIVER, KIDNE

Y.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, FATIGUE, NAUSEA, VOMITING

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEY, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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===== First Aid Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE/SKIN:IMMEDIATELY FLU SH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, DRINK TWO GLA SSES OF WATER & INDUCE VOMITING. CALL APHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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===== Fire Fighting Measures =====

Flash Point Method:SCC  
Flash Point:247F,119C  
Autoignition Temp:Autoignition Temp Text:748F  
Lower Limits:3.

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Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, ALCOHOL RESISTANT FOAM/DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. DO NOT USE DIRECT STREAM OF WATER. MAY SPREAD FIRE.

Unusual Fire/Explosion Hazard:NONE

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===== Accidental Release Measures =====

Spill Release Procedures:PREVENT SKIN AND EYE CONTACT. WEAR PVC-COATED RUBBER GLOVE

S AND MONOGOGGLES. ABSORB SPILLS WITH INERT MATERIAL SUCH AS SAND OR VERMICULITE. TRANSFER TO SUITABLE CONTAINERS FOR DISPOSAL. SPILL AREA IS SLIPPERY. CLEAN SPILL AREA WITH SOAP AND WATER.

Neutralizing Agent:NOT RELEVANT

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===== Handling and Storage =====

Handling and Storage Precautions:STORE AWAY FROM OXIDIZERS & OPEN FLAMES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE NEAR FOOD, DRUGS OR WATER SUPPLIES.

Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT INGEST. AVOID EYE AND SKIN CONTACT. DO NOT BREATHE MISTS.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR OR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS. GENERAL

MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

Protective Gloves:PVC-COATED RUBBER TO PREVENT CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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===== Physical/Chemical Properties =====

HCC:V5

NRC/State Lic Num:NOT RELEVANT

Boiling

Pt:B.P. Text:339F - 348F

Melt/Freeze Pt:M.P/F.P Text:-8F,-22C

Vapor Pres: