

(2)
Item #
15179

1

MATERIAL SAFETY DATA SHEET
APPROVED BY U.S. LABOR DEPT.,
ESSENTIALLY SIMILAR TO FORM OSHA 174

PRODUCT IDENTITY: PEAK ANTIFREEZE & COOLANT

I. SUPPLIER
OLD WORLD AUTOMOTIVE PRODUCTS, INC.
NINE NORTH BROADWAY
DES PLAINES, IL. 60016
PHONE: (708) 699-2000
CHEMTREX PHONE: 1 800-424-9300
800-424-9300

II. HAZARDOUS INGREDIENTS

MATERIAL	CAS#	% BY WT	PEL (OSHA) TLV (ACGIH)
Ethylene Glycol	107-21-1	90 - 95	None Known *50 ppm
Diethylene Glycol	111-46-6	0 - 5	None Known 25ppm *(ceiling limit)
LOWEST KNOWN LD50 (ORAL)	107-21-1		5840 mg/kg (Rats)
LOWEST KNOWN LD50 (SKIN)	107-21-1		9530 mg/kg (Rabbits)

HAZARD RATING

HEALTH (NFPA): 1 HEALTH (HMIS): 1 FLAMMABILITY: 1 REACTIVITY: 0 THIS PRODUCT IS LISTED IN THE TSCA INVENTORY

DOT SHIPPING NAME: None (UN000)

DOT LABEL: None

III. PHYSICAL DATA

BOILING RANGE:	171 203 203°C/339 398 398°F (*-End Point)
API GRAVITY:	Not Applicable
SPECIFIC GRAVITY (Water=1):	1.12
POUNDS/GALLONS:	9.3
VAPOR PRESSURE (mm OF Hg)@20C:	0.4
VAPOR DENSITY (air = 1):	2.1
WATER ABSORPTION:	Appreciable
ACID ABSORPTION (85% H2SO4):	Appreciable
DRY TIME (Ether = 1):	Long
% VOLATILE BY VOLUME:	97.0
APPEARANCE:	Green
ODOR:	Mild
REFRACTIVE INDEX:	1.431

SECTION V - HEALTH DATA**TOXICOLOGICAL TEST DATA:**

340-2 Antifreeze
Rat, Acute Oral LD50

Rabbit, Primary Skin Irritant 1.88/5.0
Rabbit, Primary Eye Irritant 2.0/110
Human, Reported Lethal Dose

RESULT:

13.8 ml/kg
Practically non-toxic
Mildly irritating
Practically non-irritating
100 g.c.

EFFECTS OF OVEREXPOSURE:

Prolonged breathing of vapors or mists can cause respiratory irritation and may result in unconsciousness.
Swallowing will cause acute poisoning resulting in severe abdominal disturbances, CNS depression, possible respiratory and/or renal failure.
Eye contact with the liquid will result in temporary irritation.
Eye contact with the vapors may result in irritation.
Prolonged skin contact with the liquid has a dehydrating effect resulting in a temporary irritation.
Vapors have little or no effect on the skin.
Animal studies indicate that ethylene glycol may be embryotoxic and teratogenic by the oral and inhalation routes.

FIRST AID PROCEDURES:

Eyes--Flush eyes with flowing water at least 15 minutes.
Get medical attention.
Skin--Wash affected skin areas with soap and water.
If irritation develops, consult a physician.
Ingestion--If swallowed, induce vomiting.
Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
Get immediate medical attention.
Inhalation--If inhaled, move to fresh air.
Aid in breathing, if necessary, and get medical attention.

SECTION VI - REACTIVITY DATA**STABILITY:**

Stable.

CONDITIONS TO AVOID:

N/A

CHEMICAL INCOMPATIBILITY:

N/A.

HAZARDOUS DECOMPOSITION PRODUCTS:

N/A

HAZARDOUS POLYMERIZATION:

Does not occur

CONDITIONS TO AVOID:

N/A

CORROSIVE TO METAL:

No

OXIDIZER:

No

SECTION VII - SPECIAL PROTECTION**RESPIRATORY PROTECTION:**

Avoid breathing fumes or vapors of heated product. Do not enter tanks without breathing equipment. If ventilation is not adequate, use an approved organic vapor respirator.

EYE PROTECTION:

Avoid.

If splashing can occur, use chemical goggles or full face

PROTECTIVE CLOTHING:

Use rubber gloves, apron and shoes. Remove contaminated clothing immediately and wash before reuse.

VENTILATION

(Local) exhaust recommended near heated product.

OTHER:

N/A

125