

PRESTONE LOW TOX ANTIFREEZE

Tox Antifreeze/Coolant

Products Corporation

(203) 830-7800

CHEMTREC 1-800-424-9300

PREPARATION/REVISION: 05/05/97

COMPONENTS

CAS# PERCENT EXPOSURE LIMITS

None Established

IDENTIFICATION

odor. Not classified as flammable or

MSDSP355

SECTION 1: IDENTIFICATION

MSDS ID: MSDSP355

PRODUCT NAME: Prestone Low

Formula: YA-947

MANUFACTURER: Prestone

39 Old Ridgebury Road
Danbury, CT 06810-5109

INFORMATION PHONE NUMBER:

EMERGENCY PHONE NUMBER:

483-7161 in the District of Columbia

DATE OF MSDS

SECTION 2: PRODUCT

HAZARDOUS COMPONENTS

Propylene Glycol 57-55-6 20-40

SECTION 3: HAZARDS

EMERGENCY OVERVIEW

Green liquid with a characteristic
combustible but will burn under fire

conditions. Direct eye contact may
by inhalation, skin contact or

adverse health effects are expected from
irritation is expected.

is minimal, can be mildly irritating to
allergic contact dermatitis.

cause stinging and tearing but no

non-toxic following acute ingestion,
seizures have been reported
individuals with underlying kidney

currently known.

AGGRAVATED BY EXPOSURE: None currently known.

components of this product are listed as a
by IARC, NTP or OSHA.

MEASURES

cause transient discomfort. Not toxic
ingestion.

POTENTIAL HEALTH EFFECTS:

ACUTE HAZARDS

INHALATION: No significant
inhalation exposure.

SKIN CONTACT: No significant

SKIN ABSORPTION: Skin irritation
mucous membranes. May cause

EYE CONTACT: Direct contact may
residual injury or discomfort.

INGESTION: Considered relatively
however, lactic acidosis, stupor and
following chronic ingestion and in
disease.

CHRONIC HAZARDS: None

MEDICAL CONDITIONS

CARCINOGEN: None of the
carcinogen or suspected carcinogen

SECTION 4: FIRST AID

are expected, however, if irritation or fresh air. Seek medical attention if

contaminated clothing and wash skin with soap and irritation develops.

with water, holding open eyelids, for irritation persists.

immediate medical advice by calling a emergency room. If advice is not has been swallowed, take the victim nearest emergency treatment center or vomiting or give anything by mouth

acute ingestion signs of toxicity are ethylene glycol poisoning is antidote. Treatment should be and the clinical condition. nervous system effects.

EXPLOSION DATA

TOC

INHALATION: No adverse effects other symptoms develop, remove to Symptoms persist.

SKIN CONTACT: Remove water. Seek medical attention if

EYE CONTACT: Immediately flush 15 minutes. Seek medical attention if

INGESTION: If swallowed, get physician, poison control center or available and a significant quantity and the product container to the hospital. Do not attempt to induce to an unconscious person.

NOTES TO PHYSICIAN: Following unlikely. Ethanol treatment as in inappropriate. There is no specific directed at the control of symptoms Monitor for acidosis and central

SECTION 5: FIRE AND

FLASH POINT: 230°F (110°C)

Approximately 700 F (370 C)

UEL: 17.4

fires, use alcohol type or all-water spray, carbon dioxide or dry

PROCEDURES: Firefighters should wear positive apparatus and full protective chemicals are used or stored. Cool or fog. Burning liquid may float on

stream of water or foam directed into frothing. Heat from fire may generate mists may be combustible at point.

PRODUCTS: Burning may produce carbon monoxide

RELEASE MEASURES

and equipment (See Section 8). place in appropriate, labeled flush spill area with water.

AUTOIGNITION TEMPERATURE:

FLAMMABILITY LIMITS: LEL: 2.4

EXTINGUISHING MEDIA: For large purpose foam. For small fires, use chemical.

SPECIAL FIRE FIGHTING

pressure self- contained breathing clothing for fires in areas where exposed container with water spray water.

UNUSUAL FIRE HAZARDS: A solid hot, burning liquid can cause flammable vapor. Fine sprays or temperatures below the normal flash

HAZARDOUS COMBUSTION and carbon dioxide.

SECTION 6: ACCIDENTAL

Wear appropriate protective clothing Collect with absorbent material and container for disposal or, if permitted

STORAGE

repeated skin contact.

soap and water after use.

flames and excessive heat.

unless properly cleaned.

residue and may be dangerous. Do not empty.

chemical vapors or mists from process temperature and pressure, or sudden equipment, may result in ignitions without Published "autoignition" or "ignition" safe operating temperatures in of the actual process conditions. temperature applications should be operating conditions.

CONTROLS/PERSONAL PROTECTION

ventilation or local exhaust as required to

SECTION 7: HANDLING AND

Avoid eye and prolonged or

Avoid breathing vapors or mists.

Wash exposed skin thoroughly with

Keep container away from open

Do not reuse empty containers

Empty containers retain product

cut, weld, drill, etc. containers, even

Sudden release of hot organic

equipment operating at elevated

ingress of air into vacuum

any obvious ignition sources.

temperatures cannot be treated as

chemical processes without analysis

Use of this product in elevated

thoroughly evaluated to assure safe

SECTION 8: EXPOSURE

VENTILATION: Use general

minimize exposures.

None normally needed.

For prolonged contact rubber or

or goggles recommended if splashing is

EQUIPMENT/CLOTHING: Appropriate protective clothing

CHEMICAL PROPERTIES

liquid with a characteristic odor. There
product.

77 F

Acetate-i)

REACTIVITY

RESPIRATORY PROTECTION:

GLOVES: None normally needed.
neoprene gloves can be worn.

EYE PROTECTION: Safety glasses
possible.

OTHER PROTECTIVE

as needed to minimize skin contact.

SECTION 9: PHYSICAL AND

APPEARANCE AND ODOR: Green
is no odor threshold data for this

pH: 10.6
BOILING POINT (F): 205 F
MELTING POINT (F): Supercools
SOLUBILITY IN WATER: Complete
PERCENT VOLATILE: None
SPECIFIC GRAVITY: 8.73 lbs/gal
VAPOR PRESSURE: <0.1 inHg ~

VAPOR DENSITY: 2.6
EVAPORATION RATE: <1 (Butyl

VISCOSITY: Not determined

SECTION 10: STABILITY AND

STABILITY: Stable

agents, and materials reactive with

Carbon monoxide, carbon dioxide.

Will not occur

known.

INFORMATION

20 gm/kg

tolyltriazole which has demonstrated system. A correlation has been activity and carcinogenic activity for not been identified as a carcinogen or or OSHA.

INFORMATION

available.

INFORMATION

CONDITIONS TO AVOID: None
INCOMPATIBILITY: Strong oxidizing

hydroxyl compounds.

DECOMPOSITION PRODUCTS:

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID: None

SECTION 11: TOXICOLOGICAL

Propylene Glycol: LD50 Oral Rat:

LD50 Skin Rabbit: 20.8 gm/kg

This product contains less than 0.1% mutagenic activity in a bacterial test established between mutagenic many chemicals. Tolyltriazole has probable carcinogen by NTP, IARC

SECTION 12: ECOLOGICAL

No ecotoxicity data is currently

SECTION 13: DISPOSAL

with all local, state/provincial and

Dispose of product in accordance
federal regulations.

INFORMATION

SECTION 14: TRANSPORT

CLASSIFICATION: Not regulated

U.S. DOT HAZARD

product does not contains Marine
171.8.

DOT MARINE POLLUTANTS: This
Pollutants as defined in 49 CFR

CLASSIFICATION: Not regulated

INDO CODE SHIPPING

INFORMATION

SECTION 15: REGULATORY

CLASSIFICATION: Not hazardous

EPA SARA 311/312 HAZARD

Contains the Following Chemicals
Reporting Requirements Under SARA Title

EPA SARA 313: This Product
Subject to Annual Release
III, Section 313 (40 CFR 372): None

STRATOSPHERIC OZONE: This product is not known to
manufactured with ozone depleting
Part 82, Appendix A to Subpart A.

PROTECTION OF
contain or to have been
substances as defined in 40 CFR

product is not subject to CERCLA reporting
have more stringent release

CERCLA SECTION 103: This
requirements, however, many states

required under federal, state

This product does not contain substances
cause Cancer and/or Reproductive

components of this material are listed
(TSCA) Chemical Substances

PROTECTION ACT: All of the ingredients are
Substances List.

CLASSIFICATION: Not a controlled product.

this product are listed on the
Substances.

INFORMATION

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professional users and bulk handlers of the
labeled in accordance with Federal
regulations.

Corporation believes that the data contained herein

reporting requirements. Report spills
and local regulations.

CALIFORNIA PROPOSITION 65 -
known to the State of California to
Harm.

EPA TSCA INVENTORY: All of the
on the Toxic Substances Control Act
Inventory.

CANADIAN ENVIRONMENTAL
listed on the Canadian Domestic

CANADIAN WHMIS

AUSTRALIA: All of the ingredients of
Australian Inventory of Chemical

SECTION 16: OTHER

NFPA RATING (NFPA 704) - FIRE:

HEALTH: 1
REACTIVITY: 0

This MSDS is directed to
product. Consumer products are
Hazardous Substances Act

While Prestone Products
are factual and the opinions

expressed are those of qualified experts conducted, the data are not to be taken which Prestone Products Corporation are offered solely for your verification. Any use of these data and the user to be in accordance with laws and regulations.

please contact:

regarding the results of the tests as a warranty or representation for assumes legal responsibility. They consideration, investigation and information must be determined by applicable federal, state and local

If more information is needed,

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