



Material Safety Data Sheet
Timberline Antifreeze/Coolant HEAVY DUTY
LONG LIFE CONCENTRATE (PRO-SERIES)

SECTION I- PRODUCT INFORMATION

PRODUCT NAME: Timberline Antifreeze/Coolant Heavy Duty Long Life Concentrate Blend

MANUFACTURER: Timberline Products LLC
111 FM 1514
Coldspring, TX 77331

INFORMATION PHONE NUMBER: 1-936-653-5775

EMERGENCY PHONE NUMBER: 1-936-653-5775

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SECTION II- HAZARDS IDENTIFICATION

Potential Health Effects

Routes of Exposure Inhalation. Eye contact.

Eyes Contact may cause mild eye transient, irritation and redness

Skin Unlikely to be skin irritant. Contact with heated product may cause thermal burns.

Inhalation Mist may be cause irritation to respiratory tract.

Ingestion Health injuries are not known or expected under normal use unless excessive amount.

Signs and Symptoms Mild eye irritation.

Potential Environmental Effects Product is Biodegradable

SECTION III-COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS #</u>	<u>Percent</u>
Propylene Glycol	57-55-6	60 - 100
Water	7732-18-5	15 - 40
Proprietary Component Mixture		<0.1

Toxicological Data: Propylene Glycol: ORAL (LD50):
Acute:20000mg/kg [RAT] .22000
mg/kg [Mouse] .DERMAL (LD50) :Acute:20800mg/kg [RABBIT]

SECTION IV- FIRST AID MEASURES

First aid procedures

Eye Contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing if irritation persists get medical attention.

Skin Contact Rinse skin with water/shower. Get medical attention if irritation develops or persists.

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if breathing becomes difficult.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

SECTION V-FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Water, Water spray, Foam, Dry Powder, Carbon dioxide (CO₂)

Protection of Firefighters

Protective equipment and precautions for firefighters Move containers from fire area if can do it without risk. Use water spray to cool unopened containers. Cool containers with flooding quantities of water until well after fire is out.

Specific Methods In the event of a fire, cool tanks with water spray. Use water spray to cool unopened containers.

SECTION VI- ACCIDENTAL RELEASE MEASURES

Personal precautions Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not contaminate water.

Methods for containment Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material if this is without risk. Dike the spilled material, where this is possible. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Should not be released into the environment.

Large Spills: Dike Far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly. After removal, flush contaminated area thoroughly with water.

Never return spills to containers for re-use.

SECTION VII-HANDLING AND STORAGE

Handling Do not handle or store near an open flame, heat or other sources of ignition. Avoid contact with eyes. Wear personal protective equipment. Avoid prolonged exposure. Avoid release to the environment.

Storage Keep away from heat, sparks, and flames. Keep container tightly closed. Use care in handling and storage.

SECTION VIII-EXPOSURE CONTROLS PERSONAL PROTECTION

Engineering controls Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal protective equipment

Eye/face protection Avoid contact with eyes. Wear chemical goggles.

Skin protection No special protective equipment required.

Respiratory Protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene Avoid contact with eyes. Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice.

SECTION IX- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent
Color	Clear, Fluorescent Red, Green, Orange or Yellow
Odor	Bland odor with sweet taste
Odor Threshold	Not available
Physical State	Liquid
Form	Liquid
pH	10
Melting point	Not Available
Freezing point	-84°F (-64°C) approx.
Boiling Point	265°F (129°C) approx.
Flash point	Not Available
Evaporation rate	Not Available
Flammability limits in air, upper, %by volume	Not Available
Flammability limits in air, lower, %by volume	Not Available
Vapor pressure	17.5 mmHg (Water)
Vapor density	Not Available
Specific gravity	1.036
Relative density	Not Available
Solubility (Water)	Complete
Partition Coefficient	Not Available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
VOC	N.D.
Percent volatile	Not Available

SECTION X- CHEMICAL STABILITY AND REACTIVITY INFORMATION

Conditions to avoid	Heat, Flames and sparks.
Incompatible Materials	Strong oxidizing agents
Hazardous decomposition Products	Irritants. Toxic gas.

SECTION XI-TOXICOLOGICAL INFORMATION

Sensitization	Not Available
Local effects	Irritating to eyes

Chronic effects Not Available
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA
Skin corrosion/irritation Not Available
Epidemiology Not Available
Neurological Effects Not Available
Reproductive effects Not Available
Teratogenicity Not Available

SECTION XII- ECOLOGICAL INFORMATION

<u>Components</u>	<u>Test Results</u>
Propylene Glycol	Ecotoxicity in water (LC50):>5000mg/L 24hours[Goldfish].>10000mg/L 48 hours [Guppy].>10000mg/L 48hours [Water Flea]
Ecotoxicity	Ecological injuries are not known or expected under normal use.
Environmental Effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence and biodegradable	The product is readily biodegradable

SECTION XIII- DISPOSAL CONSIDERATIONS

Disposal instructions Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION XIV-TRANSPORTATION INFORMATION

DOT Not DOT regulated material
ADR Not regulated as a hazardous material
RID Not regulated as a hazardous material
AND Not regulated as a hazardous material
IATA Not regulated as a hazardous material

SECTION XV-REGULATORY INFORMATION

All components are on the U.S. EPA TSCA Inventory list
 CERLA/SARA Hazardous Substances Not Applicable
CERCLA (Superfund) Reportable Quantity None
Superfund Amendments and Reauthorization act of 1986 (SARA)
 Hazard categories Immediate hazard- Yes
 Delayed Hazard- No
 Fire Hazard- No
 Pressure Hazard- No
 Reactivity Hazard No
Section 302 extremely hazardous substance No

SECTION XVI- OTHER INFORMATION

HMIS® Ratings Health:0
 Flammability:1
 Physical Hazard:0

NFPA Ratings Health:2
 Flammability:1
 Instability:0

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