



## Material Safety Data Sheet

### Timberline Antifreeze/Coolant PRE-BLENDED

#### SECTION I- PRODUCT INFORMATION

**PRODUCT NAME:** Timberline Antifreeze/Coolant Pre-Blended

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

**INFORMATION PHONE NUMBER:** 1-936-653-5775

**EMERGENCY PHONE NUMBER:** 1-936-653-5775

**MSDS DATE OF PREPARATION/REVISION:** 02-01-2015

#### 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	40 - 70
Water	7732-18-5	30 - 60
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 (CO<sub>2</sub>)

### 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	-34°F (-37°C) approx.
Boiling Point	256°F (124°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]
<b>Ecotoxicity</b>	Ecological injuries are not known or expected under normal use.
<b>Environmental Effects</b>	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
<b>Persistence and biodegradable</b>	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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