

COOLING SYSTEM CLEANER

SECTION 1: Identification

Product identifier

Product name Blend Tech CSC

Supplier's details

Name Blend Tech, Inc
Address PO Box 36000
Lake Tahoe, NV 89449

Emergency phone number(s) Professional Emergency Resource Services
Domestic: 800-633-8253
International: 8014-629-0667

SECTION 2: Hazard identification

Classification of the mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200)

Eye damage/irritation, Cat. 1
Skin corrosion/irritation, Cat. 2
Acute aquatic toxicity, Cat. 3
Chronic aquatic toxicity Cat. 3

GHS label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H302
H319
H412

Harmful if swallowed.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P264
P270
P273
P280
P301 + P312 + P330

P305 + P351 + P338

Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Avoid release to the environment.
Wear eye protection/ face protection.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
Rinse mouth.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313
P501

If eye irritation persists: Get medical advice/ attention.
Dispose of contents/ container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

Mixtures

Hazardous components

Chemical Name	Range in % w	CAS Number
Diammonium citrate	8 – 10	3012-65-5
POE (15) nonyl phenol	3 – 10	26027-38-3

SECTION 4: First-aid measures

Description of necessary first-aid measures

If inhaled	Move to fresh air. If breathing is difficult, administer oxygen.
In case of skin contact	Wash affected area with soap and water. If clothing is contaminated, remove and launder before reuse.
In case of eye contact	Flush eyes with water until chemical is removed.
If swallowed	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Obtain immediately medical attention.

Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in section 2.2 and/or in section 11.

SECTION 5: Fire-fighting measures

Suitable extinguishing media

Carbon dioxide, dry chemical, foam or water spray.

Specific hazards arising from the chemical

No data available.

Special protective actions for fire-fighters

Vapors and fumes may be irritating and toxic. Firefighters should wear self-contained breathing apparatus and full fire-fighting turnout gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment as specified in Section 8.

Environmental precautions

Minimize use of water to prevent environmental contamination. Do not flush to sewer or drain.

Methods and materials for containment and cleaning up

If possible, stop further leakage of the material. Contain spilled material by diking with non-flammable diking materials. Pump spilled liquid into disposal container.

SECTION 7: Handling and storage

Precautions for safe handling

Use good industrial practices when handling. Avoid eye, skin, and clothing contact. Do not inhale mist or vapors. Do not taste or swallow. Use only with adequate ventilation.

Conditions for safe storage, including any incompatibilities

Keep container closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Individual protection measures, such as personal protective equipment (PPE)

General Hygiene: Discard contaminated gloves after use. Have eye-wash facilities in the vicinity. Work in adequately ventilated area. Do not breathe vapors or mist. Always minimize contact with any chemical.

Respiratory Protection: No special respiratory equipment is needed.

Eye/Face Protection: Wear safety glasses when handling this material.

Skin Protection: Wear nitrile or latex gloves. Wear protective clothing.

Engineering Controls: Work in well ventilated areas. Do not breathe vapors or mists.

Other Protective Controls: Eye wash station and safety shower should be available in immediate work area. Select additional protective equipment based upon potential for exposure.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form	Yellow Liquid
pH	6.0 – 7.0
Melting point/freezing point	Not Established
Initial boiling point and boiling range	>200°F
Flash point	Non Flammable
Evaporation rate	Not Determined
Vapor pressure	Not Determined
Vapor density	>1
Relative density	1.050 – 1.065
Solubility(ies)	Complete

SECTION 10: Stability and reactivity

Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: None known.
Incompatible Materials: No data available.
Hazardous Decomposition Products: No data available.
Possibility of Hazardous Reactions: None expected.

SECTION 11: Toxicological information

Information on toxicological effects (The toxicological data below is based on the main component(s)).

Acute toxicity

LD50 Oral - Rat - 1,410 mg/kg
Inhalation: No data available
LD50 Dermal - Rabbit - 2,830 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

Severe eye irritation

Respiratory or skin sensitisation

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

RTECS: Not available

Lowered blood pressure, Abdominal pain, Nausea, Vomiting, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

Information on toxicological effects (The toxicological data below is based on the main component(s)).

ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish

flow-through test LC50 - Poecilia sp. - 16.4 mg/l - 48.0 h

Toxicity to daphnia and other aquatic invertebrates

flow-through test LC50 - Daphnia magna (Water flea) - 18.2 mg/l - 48 h

Toxicity to algae

flow-through test EC50 - Lemna minor (common duckweed) - 15 mg/l - 48 h

flow-through test EC50 - Scenedesmus abundans - 17 mg/l - 48 h

Persistence and degradability

no data available

Bioaccumulative potential

Remarks: According to the results of tests of biodegradability this product is not readily biodegradable.

Mobility in soil

no data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

no data available

SECTION 13: Disposal considerations

Product Disposal : Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable local, state and federal laws, regulations and product characteristics at time of disposal.

Empty Container : Contaminated container should be labeled and disposed in accordance to local, state and federal laws and regulations.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product in question

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

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