



Blend Tech, Inc
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Emergency Response Number:
Professional Emergency Resource Services
Domestic Shipments: 800-633-8253
International Shipments: 801-629-0667

Product Name: Blend Tech Fully Formulated Coolant Additive

BTUCA

I. Identification

Revision Date: 4/8/22

Emergency Telephone: 800-633-8253 See Above
Information Telephone: 888-869-4725 Blend Tech, Inc.
Chemical Family: Alkali metal salts, aqueous solution
DOT Hazard Class: Corrosive Material
DOT Shipping Name: Corrosive Liquid, N.O.S., Basic, Inorganic, UN3266, 8, PGII
(Contains: Potassium Hydroxide)

II. Hazardous Ingredients

<u>Material</u>	<u>%</u>	<u>TLV (Units)</u>	<u>CAS#</u>
Sodium Hydroxide	<5	2 mg/m ³	1310-58-3
Sodium Nitrite	<20	-----	7632-00-0

III. Physical Data

Boiling Point, 760 mm Hg: 220°F
Specific Gravity (H₂O=1): 1.25 – 1.35
Vapor Density (Air=1): >1
% Volatile by Volume: 65
pH: 12.0 – 13.0
Vapor Pressure: ND
Solubility in Water: Complete
Evaporation Rate: ND
Appearance and Odor: Fluorescent Pink liquid; slight odor

IV. Fire And Explosion Hazard Data

Flash Point (Test Method): N/A
Flammable Limits in Air (% by volume): Lower = ND Upper = ND
Extinguishing Media: Water, CO₂, Chemical foam
Special Firefighting Procedures: Wear self contained breathing apparatus. Contact with strong acids or

thermal decomposition may produce toxic fumes.

Unusual Fire and Explosion Hazards: None

V. Reactivity Data

Stability: Stable: XX **Unstable:**

Conditions to Avoid: N/A

Incompatibility (materials to avoid): Strong acids, strong oxidizers, extreme heat.

Hazardous Combustion or Decomposition Products: Oxides of carbon, nitrogen, and sulfur.

Hazardous Polymerization: May Occur: **Will Not Occur:** XX

Conditions to Avoid: N/A

VI. Health Hazard Data

Toxicity: T.L.V. = 2 mg/m³ (potassium hydroxide)

Ingredients Listed as Carcinogenic in NTP, IARC, or OSHA (specify): None

Acute Effects Of Overexposure

Eye Contact: Irritating. Prolonged contact may produce severe damage to delicate eye tissue.

Skin Contact: Mildly irritating. Prolonged or repeated contact with skin can cause irritation.

Inhalation: Product non-volatile, inhalation hazard unlikely. Irritating to respiratory tract.

Ingestion: Poisonous. Product may be harmful or fatal if swallowed.

Principal Routes of Absorption: Skin and eye contact.

Chronic Health Effects: Repeated skin contact can cause persistent irritation and dermatitis.

Emergency And First Aid Procedures

Eyes: Flush at once with plenty of cool water for 15 minutes. Contact a physician.

Skin: Flush affected area with plenty of soap and water. If irritation develops, consult a physician.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Seek medical attention. Inhalation hazard unlikely due to low volatility of product. If symptoms persist, consult a physician.

Ingestion: Seek medical attention immediately. Give two glasses of water and induce vomiting. Give CONCIIOUS victim glass of water. Never give water to unconscious victim.

VII. Spill Or Leak Procedures

Steps to be Taken if Material is Released or Spilled: Flush material to a sewer which leads to a suitable waste treatment facility. First contact local authorities for disposition on flushing to sewer.

Waste Disposal Method: In accordance with federal, state, and local guidelines.

VIII. Special Protection Information

Ventilation Requirements: N/A

Recommended Personal Protective Equipment

Respiratory: N/A

Eyes: Chemical splash goggles

Gloves: Impervious to mildly alkaline solutions.

Other Clothing and Equipment: N/A

IX. Special Precautions

Precautions to be Taken in Handling and Storing: Keep container closed. Keep out of reach of children. Store in a cool, dry place.

Other Precautions: For industrial use only.

All information, recommendations, and suggestions appearing herein concerning this compound are based upon data obtained from the raw material manufacturers and/or recognized technical sources; however, Blend Tech, Inc. makes no warranty, representation, or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product. Since actual use by others is beyond our control, no warranty, express or implied is made by Blend Tech, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product. The data in this MSDS relate only to the specific product designated herein and do not relate to use in combination with any other material or in any process.