

MSDS Document

Product BOSS® 335 Gun Foam Cleaner

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 335 Gun Foam Cleaner

Synonyms: 03978CL10

MSDS ID BOSS335

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 8/6/2010

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Acetone	67-64-1	25% - Max	750 ppm	750 ppm	1000 ppm
Isobutane	75-28-5	10% - 20%			
Butane	106-97-8	10% - 20%	800 ppm	800 ppm TWA	
Propane	74-98-6	10% - 20%	1000 ppm	1000 ppm PEL	

3. Hazard Identification

Important

Extremely flammable. Contents under pressure. Do not smoke while using or use near open flame. Container may explode if heated in any manner. Protect from sunlight and do not expose to temperatures exceeding 122F/50C (ex: electric lights). Do not pierce or burn container, even after use. Do not spray on a naked flame and any incandescent material. DO NOT SMOKE WHILE USING THIS PRODUCT.

Inhalation

Vapors may cause drowsiness and dizziness.

Eye Contact

Irritating to eyes.

Skin Contact

Repeated exposure may cause skin dryness or cracking.

4. First Aid Information

Inhalation

Remove to fresh air. Get immediate medical attention.

Skin Contact

Flush with water. Wash with soap and water. If irritation persists, seek medical attention.

Wash contaminated clothing before reuse.

Eye Contact

Flush eyes gently with water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

Ingestion

Do not induce vomiting. Immediately drink two glasses of water. Never give anything to an unconscious person. Get medical attention.

5. Fire Fighting Measures

LEL	1.5
UEL	12.8

Suitable Extinguishing Media

Water spray
BC powder
Sand/earth

Unsuitable Extinguishing Media

None known

Special Exposure Hazards

Gas/vapor spreads at floor level: ignition hazard.
May build up electrostatic charges: risk of ignition.
Upon combustion CO and CO₂ are formed.
Aerosol may explode under the effect of heat.

Instructions

Take account of toxic fire fighting water.
Use fire fighting water moderately and contain it.
Do not move the load if exposed to heat.

Special Protective Equipment for Fire Fighters

Heat/fire exposure: compressed air/oxygen apparatus.
Protective clothing for exposure to chemicals.

6. Accidental Release Measures

Methods for Cleaning Up

Take liquid spill into a non combustible material e.g. sand/earth.

Scoop absorbed substance into closing containers.
Take collected material to competent authority.
Wash clothing and equipment after handling.

Environmental Precautions

Use appropriate containment to avoid environmental contamination.

Note

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable.

7. Handling and Storage

Handling

Observe normal hygiene standards
Use spark/explosion-proof appliance and lighting system
Take precautions against electrostatic charges
Clean contaminated clothing
Insufficient ventilation: keep naked flames/sparks away

Storage

Keep out of direct sunlight
Store in a cool area
Keep away from heat sources, ignition sources, oxidizing agents, acids, bases.

8. Exposure Controls and Personal Protection

Occupational Exposure Controls

Measure the concentration in the air regularly
Work under local exhaust/ventilation

Respiratory Protection

Gas mask with filter type A at concentration in air above exposure limits.

Hand Protection

Gloves

Eye Protection

Protective goggles

Skin Protection

Protective clothing

9. Physical and Chemical Properties

Physical State	Aerosol
Color/Appearance	Colorless
Odor	Acetone

pH	Not determined
Boiling/Cond. Point	Not determined
Melting/Freezing Point	Not determined
Solubility	Soluble in Ethanol, ether
Viscosity	Not determined
Vapor Pressure	Not determined

Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

10. Stability and Reactivity

Conditions to Avoid - Reactivity

Unstable on exposure to heat.

Materials to Avoid

Keep away from heat sources, ignition sources, oxidizing agents, acids, and bases.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide

11. Toxicological Information

Routes of Exposure

Inhalation, eyes, skin

Acute/effects/symptoms (upon overexposure)

After Inhalation (exposure to high concentrations):

Feeling of weakness
CNS depression
Dizziness
Narcosis
Excited/restless
Drunkeness
Disturbed motor response
Headache
Respiratory difficulties

After Eye Contact:

Irritation of the eye tissues

After Skin Contact (on continuous exposure/contact):

Dry skin
Cracking of the skin

Chronic Effects

Not listed in carcinogenicity class (IARC, EC, TLV, MAK)
Not listed in mutagenicity class (EC, MAK)
Not listed in teratogenicity class (EC, MAK)

On continuous/repeated exposure/contact:

Red skin
Skin rash/inflammation
Dry/sore throat
Headache
Nausea
Feeling of weakness
Loss of weight
Possible inflammation of the respiratory tract

12. Ecological Information

13. Disposal Considerations

Provisions relating to waste

Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 07 01 04* (other organic solvents, washing liquids and mother liquors)

Disposal Methods

Specific treatment

Packaging/Container

Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10* (packaging containing residues of or contaminated by dangerous substances)

14. Transportation Information

Classification of the substance in compliance with UN recommendations

Proper Shipping Name: Aerosols, flammable

UN number: UN1950

Hazard Class: 2.1

Sub Risks: --

Packing: --

15. Regulatory Information

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA Title III Section 304 CERCLA Hazardous Substances

Acetone (67-64-1)

Reportable Quantity per 40 CFR 302.04 (a) is 5,000 lbs.

Pennsylvania

Acetone (67-64-1)

Butane (106-97-8)

Propane (74-98-6)

Isobutane (75-28-5)

New Jersey

Acetone (67-64-1)

Butane (106-97-8)

Propane (74-98-6)

Isobutane (75-28-5)

16. Other Information

Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.