Safety Data Sheet

BOSS® 335 Gun Foam Cleaner

Section 1. Identification

Product Identifier	BOSS® 335 Gun Foam Cleaner
Synonyms	33512
Manufacturer Stock Numbers	142905
Recommended use	Refer to Technical Information
Uses advised against	Refer to Technical Information

Manufacturer Contact

Address

Soudal
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

Section 2. Hazards Identification

Classification	FLAMMABLE AEROSOLS - Category 1 SERIOUS EYE DAMAGE /EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (Repeated Exposure) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3 TOXIC TO REPRODUCTION - Category 2
Signal Word	Danger

Pictogram



Hazard Statements

Causes serious eye irritation
Extremely flammable aerosol
May cause damage to organs through prolonged or repeated exposure.
May cause damage to organs.
May cause respiratory irritation. May cause drowsiness or dizziness.
Suspected of damaging fertility or the unborn child.

Precautionary Statements

Response

Call a poison center/doctor if you feel unwell.
Get medical advice/attention if you feel unwell.
If exposed or concerned: Get medical advice/attention.
If exposed or concerned: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove person to fresh air and keep comfortable for breathing.

Prevention

Do not breathe dust/fume/gas/mist/ vapors/spray.
Do not eat, drink or smoke when using this product.
Do not handle until all safety precautions have been read and understood.
Do not spray on an open flame or other ignition source.
Keep away from heat.
Obtain special instructions before use.
Pressurized container: Do not pierce or burn, even after use.
Use only outdoors or in a well-ventilated area.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 ºC/122 ºF.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal

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

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

Section 3. Ingredients

CAS	Ingredient Name	Weight %
67-64-1	2-Propanone	50% - 75%
74-98-6	Propane	10% - 20%
75-28-5	Isobutane	10% - 20%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Description of Necessary Measures	IF exposed or concerned: Call a POISON CENTER or doctor/physician.
Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Skin	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	If a large amount is swallowed, get medical attention.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically and supportively.
Most Important Symptoms/Effects	Acute Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness. Delayed Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Use carbon dioxide, regular dry chemical, regular foam or water.
Unsuitable Extinguishing Media	None known
Special Hazards Arising from the Chemical	Extremely flammable aerosol. Pressurized container: may burst if heated. Vapors are heavier than air and may travel a considerable distance to a source of ignition and flashback. Vapor/air mixtures are explosive. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
Hazardous Combustion Products	Oxides of carbon, carbon monoxide
Advice for firefighters	Wear self-contained breathing apparatus with a full facepiece and protective clothing. Avoid inhalation of material or combustion by-products. Move container from fire area if it can be done without risk.

Fire Fighting Measures	Move container from fire area if it can be done without risk. Cool containers with water from unmanned hose holder or monitor nozzles until well after fire is out. Stay away from the ends of tanks. For fires in cargo or storage area: If this is impossible then take the following precautions: Keep unnecessary people away, isolate hazard area and deny entry. Let the fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. For tank, rail car or tank truck: Stop leak if possible without personal risk. Let burn unless leak can be stopped immediately. For smaller tanks or cylinders, extinguish and isolate from other flammables. Evacuation radius: 800 meters (1/2 mile). Do not attempt to extinguish fire unless flow of material can be stopped first. Flood with fine water spray. Cool containers with water spray until well after the fire is out. Apply water from a protected location or from a safe distance. Stay upwind and keep out of low areas. Evacuate if fire gets out of control or containers are directly exposed to fire. 500 meters (1/3 mile). Consider downwind evacuation if material is leaking.

Section 6. Accidental Release Measures

Steps to be taken in case of spill or release	Restrict area to only those personnel needed. Major spills should be collected for disposal. Minor spills may be flushed to sewer if permitted by state, federal and local regulations.
Methods and Materials for Containment and Cleaning Up	Avoid heat, flames, sparks and other sources of ignition. Do not spray on an open flame or other ignition sources. Pressurized container: Do not pierce or burn, even after use. Stop leak if possible without personal risk. Only personnel trained for the hazards of this material should perform clean up and disposal. Use non-sparking tools and equipment.
Environmental Precautions	Do not flush into sanitary sewer systems, drains or surface water. Avoid release to the environment.

Section 7. Handling and Storage

Precautions for Safe Handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flame/hot surfaces - No smoking. Do not pierce or burn, even after use. Do not spray on an open flame or other ignition sources. Use only outdoors or in a well-ventilated area. Wear protective eye/face protection. Do not breathe dust/fume/gas/mist /vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
Conditions for Safe Storage, Including any Incompatibilities	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Incompatible Materials	oxidizing materials, bases, combustible materials, strong acids

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL

2-Propanone	500 ppm TWA	1000 ppm TWA	750 ppm
Propane	1000 ppm TWA	1000 ppm PEL	N/A
Isobutane	1000 ppm	N/A	1000 ppm

Personal Protective Equipment	Goggles, Gloves
Biological limit value	There are no biological limit values for any of this product's components.
Engineering Controls	Ventilation equipment should be explosion-resistant if explosive concentrations of material are present. Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.
Individual Protection Measures, such as Personal Protective Equipment	Eye/face protection Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Skin Protection Wear appropriate chemical resistant clothing. Respiratory Protection A NIOSH approved air-purifying respirator with an appropriate cartridge or canister may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits. Glove Recommendations Wear appropriate chemical resistant gloves

Section 9. Physical and Chemical Properties

Physical State	Aerosol
Color	Colorless
Odor	Acetone
Odor Threshold	Not available
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	Not available
VOC%	N/A
Viscosity	N/A
Specific Gravity	N/A
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	Not available
FP Method	N/A
pH	Not available
Melting Point	Not available
Boiling Point	Not available
Boiling Range	N/A
LEL	1.5
UEL	12.5

Evaporation Rate	Not available
Flammability	Not applicable
Decomposition Temperature	Not available
Auto-ignition Temperature	Not available
Vapor Pressure	Not available
Vapor Density	Not available

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

Section 10. Stability and Reactivity

Reactivity	None known.
Chemical Stability	Stable under normal conditions of use.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Avoid contact with incompatible materials. Avoid heat, flames, sparks and other sources of ignition.
Incompatible Materials	oxidizing materials, bases, combustible materials, strong acids, halogens
Hazardous decomposition products	oxides of carbon, carbon monoxide

Section 11. Toxicological Information

Information on Likely Routes of Exposure	Inhalation May cause respiratory irritation. Skin Contact No information on significant adverse effects. Eye Contact Causes serious eye irritation. Ingestion No information on significant adverse effects.
Component Analysis - LD50/LC50	The components of this material have been reviewed in various sources and the following selected endpoints are published: Acetone (67-64-1) Inhalation LC50Rat 50100 mg/m3 8 h Propane (74-98-6) Inhalation LC50Rat 658 mg/L 4 h Isobutane (75-28-5) Inhalation LC50Rat 658 mg/L 4 h

Acute and Chronic Toxicity

Immediate Effects
Causes serious eye irritation. May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed Effects
Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure.

Irritation/Corrosivity Data
Causes serious eye irritation. May cause respiratory irritation.

Respiratory Sensitization
No information available for the product.

Dermal Sensitization
No information available for the product.

Component Carcinogenicity
Acetone (67-64-1)
ACGIH: A4 - Not Classifiable as a Human Carcinogen

Germ Cell Mutagenicity
No information available for the product.

Reproductive Toxicity
Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity - Single Exposure
heart, respiratory tract, central nervous system

Specific Target Organ Toxicity - Repeated Exposure
blood

Aspiration hazard
No information available for the product.

Medical Conditions Aggravated by Exposure
respiratory disorders, heart disorders, central nervous system disorders, blood system disorders

Section 12. Ecological Information

Component Analysis - Aquatic Toxicity

Acetone (67-64-1)
Fish:
LC50 96 h Oncorhynchus mykiss 4.74 - 6.33 mL/L
LC50 96 h Pimephales promelas 6210 - 8120 mg/L [static]
LC50 96 h Lepomis macrochirus 8300 mg/L

Invertebrate:
EC50 48 h Daphnia magna 10294 - 17704 mg/L [static] EPA

EC50 48 h Daphnia magna 12600 - 12700 mg/L IUCLID

Section 13. Disposal

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

Section 14. Transport Information

UN Number	1950
UN Proper Shipping Name	AEROSOLS
DOT Classification	Hazard Class: 2.1 Required Label: 2.1
Packing Group	N/A
IATA Information	Shipping Name: AEROSOLS, FLAMMABLE Hazard Class: 2.1 UN#: UN1950 Required Label(s): 2.1
IMDG Information	Shipping Name: AEROSOLS Hazard Class: 2.1 UN#: UN1950 Required Label(s): 2.1
TDG Information	Shipping Name: AEROSOLS Hazard Class: 2.1 UN#: UN1950 Required Label(s): 2.1

Section 15. Regulatory Information

U.S. Federal Regulations	This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan. Acetone (67-64-1) CERCLA: 5000 lb final RQ; 2270 kg final RQ SARA Section 311/312 (40 CFR 370 Subparts B and C) Acute Health: Yes Chronic Health: Yes Fire: Yes Pressure: Yes Reactivity: No
U.S. State Regulations	The following components appear on one or more of the following state hazardous substances lists: Acetone (67-64-1) CA, MA, MN, NJ, PA Propane (74-98-6) MA, MN, NJ, PA Isobutane (75-28-5) MA, NJ, PA

Not listed under California Proposition 65

Section 16. Other Information

Revision Date	2/13/2020
HMIS and NFPA Rating	HMIS Health: 3* Fire: 4 Reactivity: 1 NFPA Health: 2 Fire: 4 Reactivity: 1 Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard
Disclaimer	The data contained herein is based upon information that Soudal 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 or 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.