

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet



BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

Issue date: 06/03/2025

Supersedes: 10/23/2019

Version: 2.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Trade name : BOSS 335 Gun & Foam Cleaner
Reference number : 142905

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use, Professional use
Use of the substance/mixture : Lubricant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Soudal
350 Ring Road
Elizabethtown, KY 42701
(270) 769-3385
technical@soudalaccumetric.com -
www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC
24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

FLAMMABLE AEROSOL	Category 1
SERIOUS EYE DAMAGE/EYE IRRITATION	Category 2
SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE	Category 3 - Narcosis

Adverse physicochemical, human health and environmental effects

2.2. Label elements

Hazard pictograms (CLP)



BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

Signal word (CLP)	: DANGER
Contains	: acetone
Hazard statements (CLP)	: Extremely flammable aerosol Pressurized container: may burst if heated. Causes serious eye irritation May cause drowsiness or dizziness.
Precautionary statements (CLP)	: If medical device is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear eye protection, face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Protect from sunlight. Do not expose to temperatures exceeding 122°F(50°C) Dispose of contents and container in accordance with all local, regional, national, and international regulations. Repeated exposure may cause skin dryness or cracking.
Extra phrases	:

2.3. Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	
Acetone	CAS-No.: 67-64-1	50 - 75	Flam. Liq. 2, H319 Eye Irrit. 2, H336 STOT SE 3, H336
n-Butane	CAS-No.: 106-97-8	< 20	Flam. Gas 1, H220
Propane	CAS-No.: 74-98-6	< 20	Flam. Gas 1, H220

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Thoroughly rinse with water (contact lenses to be removed if this is easily done) then take to physician.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: May cause drowsiness or dizziness.
Symptoms/effects after eye contact	: Eye irritation
Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.
Explosion hazard : Pressurized container: May burst if heated.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.
Methods for cleaning up : Absorb spilled material with sand or earth. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling. Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Incompatible products : Heat sources. Ignition sources. Oxidizing agent. Strong acids. Strong bases.

Packaging materials : Aerosol.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

propane (74-98-6)	
NIOSH (TWA)	1,000 ppm 10 hours; 1,800 mg/m ³ 10 hours
OSHA (TWA)	1,000 ppm 8 hours; 1,800 mg/m ³ 8 hours
ACGIH (STEL)	Oxygen Depletion (Asphyxiant) Explosive Potential
Acetone (67-64-1)	
ACGIH (TWA)	250 ppm
n-butane (106-97-8)	
OSHA (TWA)	1,900 mg/m ³ , 800 ppm
NIOSH (TWA)	1,900 mg/m ³ , 800 ppm

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the workstation. If necessary, use an air-purifying face mask in case of respiratory hazards.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Keep an eye-rinse bottle within reach. Tight-fitting safety goggles. Wear a face shield and protective suit in case of exceptional processing problems.

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

8.2.2.2. Skin protection

Skin and body protection:

Protective clothing

Hand protection:

Protective gloves against chemicals (butyl glove with a breakthrough time of > 480 minutes; material thickness 0.7 mm). Thoroughly check gloves before use.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Colorless
Appearance	: Aerosol.
Odor	: acetone.
Odor threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Extremely flammable aerosol.
Explosive properties	: Pressurized container: May burst if heated.
Explosive limits	: 1.8 – 13.0 vol %
Lower explosion limit	: 1.8 %
Upper explosion limit	: 13.0 %
Flash point	: -20 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 1 mm ² /s
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50 °C	: Not available
Density	: 0.794 kg/L
Relative density	: 0.794
Relative vapor density at 20 °C	: 0.794
Particle characteristics	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosion limits : 1.1 – 13.0 vol %

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

% of flammable ingredients : 100%

9.2.2. Other safety characteristics

VOC content : 224 g/L (32%)

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions. Extremely flammable aerosol. Pressurized container: May burst if heated.

10.2. Chemical stability

Avoid extremely high or extremely low temperatures.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Protect from sunlight and do not expose to temperatures exceeding 120°F (50C).

10.5. Incompatible materials

Heat sources. Ignition sources.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin Corrosion/Irritation	: Causes skin irritation
Eye Irritation	: Causes serious eye irritation
Respiratory Irritation	: Not classified
Skin Sensitization	: Not classified
Germ Cell Mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive Toxicity	: Not classified
STOT-SE	: May cause drowsiness or dizziness
STOT-Repeated Exposure	: Not classified
Aspiration Hazard	: Not classified

Acetone (67-64-1)	
LD50, oral, rat	➤ 5,000 mg/kg
LD50, dermal, rabbit	➤ 5,000 mg/kg
LC50, inhalation, rat, 4h	➤ 50 mg/L
n-Butane (106-97-8)	
LD50, oral, rat	5,000 mg/kg
LD50, dermal, rabbit	5,000 mg/kg

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

LC50, inhalation, rat, 4h	50 mg/L
Propane (74-98-6)	
LD50, oral, rat	5,000 mg/kg
LD50, dermal, rabbit	5,000 mg/kg
LC50, inhalation, rat, 4h	50 mg/L

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified
Not rapidly degradable

Acetone (67-64-1)	
LC50	5,540 mg/L (Oncorhynchus mykiss, 96 h)
EC50	8,800 mg/L (daphnia magna, 48 h)
propane (74-98-6)	
LC50 - Fish [1]	49.9 mg/l (96 h, Pisces, Fresh water, QSAR, Estimated value)
EC50 96h - Algae [1]	11.89 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)
butane (106-97-8)	
LC50 - Fish [1]	24.11 mg/l (ECOSAR, 96 h, Pisces, Fresh water, QSAR)
EC50 96h - Algae [1]	7.71 mg/l (ECOSAR v1.00, Algae, Fresh water, QSAR)

12.2. Persistence and degradability

propane (74-98-6)	
Persistence and degradability	Readily biodegradable in water.
butane (106-97-8)	
Persistence and degradability	Readily biodegradable in water.

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

12.3. Bioaccumulative potential

propane (74-98-6)

Partition coefficient n-octanol/water (Log Pow)	1.09 – 2.8 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

butane (106-97-8)

Partition coefficient n-octanol/water (Log Pow)	2.8 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

12.4. Mobility in soil

propane (74-98-6)

Surface tension	No data available in the literature
Ecology - soil	Not applicable (gas).

12.5. Results of PBT and vPvB assessment

Soudal White Grease

No additional

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

SECTION 14: Transport information

14.1 UN Number

UN1950

14.2 UN Proper Shipping Name

UN1950 Aerosols, flammable, 2.1, (D)

14.3 Transport Hazard Class(es)

Class(es)	2.1
Identification number of the hazard	Not applicable

14.4 Packing Group

Not applicable

14.5 Environmental hazards

BOSS 335 Gun & Foam Cleaner

Safety Data Sheet

Not dangerous to the environments

14.6 Special precautions for user

Hazard characteristics:

Risk of fire. Risk of explosion. Containers may explode when heated.

Additional guidance:

Take cover. Keep out of low areas.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. US Federal Regulations

TSCA

All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical Substances Inventory.

15.1.1. US State Regulations

The following components appear on one or more of the following state hazardous substances list:

butane (106-97-8)

MA, NJ, PA

propane (74-98-6)

MA, MN, NJ, PA

California Prop 65

None known

SECTION 16: Other information

Indication of changes

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine 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.