



Safety Data Sheet

BOSS® 335 Gun Foam Cleaner

Section 1. Identification

Product Identifier BOSS® 335 Gun Foam Cleaner
Synonyms 812KIT; 334KIT; 33512; 03978CL10
Manufacturer Stock Numbers 03978CL10

Recommended use Refer to Technical Information
Uses advised against Refer to Technical Information

Manufacturer Contact
Address Soudal Accumetric
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 EYE DAMAGE/IRRITATION - Category 2A
FLAMMABLE AEROSOLS - Category 1
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements	Causes serious eye irritation Extremely flammable aerosol May cause drowsiness or dizziness.
Precautionary Statements	
Response	Call a poison center/doctor if you feel unwell. 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	Avoid breathing spray. Do not spray on an open flame or other ignition source. Keep away from heat. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Wear eye protection/face protection.
Storage	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. 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	
Additional information	EUH066 Repeated exposure may cause skin dryness or cracking.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
74-98-6	Propane	< 5 %
75-28-5	Isobutane	15% - 20%
67-64-1	2-Propanone	80% - 85%

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

Section 4. First-Aid Measures

After inhalation	Supply fresh air; consult doctor in case of complaints.
After skin contact	If skin irritation continues, consult a doctor. Immediately wash with water and soap and rinse thoroughly.
After eye contact	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing	If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed No further relevant information available.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Foam

Unsuitable Extinguishing Media Water with full jet.

Special hazards arising from the substance or mixture No further relevant information available

Advice for firefighters Protective equipment
Mouth respiratory protective device.

Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation
Keep away from ignition sources.
Wear protective equipment. Keep unprotected persons away.

Environmental precautions Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up Ensure adequate ventilation.

Reference to other sections See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Section 7. Handling and Storage

Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Open and handle receptacle with care.

Information about fire - and explosion protection Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.

Requirements to be met by storerooms and receptacles	Store in a cool location. Store only in the original receptacle. Observe official regulations on storing packagings with pressurized containers.
Information about protection against explosions and fires	No special measures required.
Further information about storage conditions	Keep container tightly sealed. Do not seal receptacle gas tight. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.
Specific end use(s)	No further relevant information available.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Ingredient Name</th> <th style="text-align: left;">ACGIH TLV</th> <th style="text-align: left;">OSHA PEL</th> <th style="text-align: left;">STEL</th> </tr> </thead> <tbody> <tr> <td>Propane</td> <td>1000 ppm TWA</td> <td>1000 ppm PEL</td> <td>N/A</td> </tr> <tr> <td>Isobutane</td> <td>1000 ppm</td> <td>N/A</td> <td>1000 ppm</td> </tr> <tr> <td>2-Propanone</td> <td>500 ppm TWA</td> <td>1000 ppm TWA</td> <td>750 ppm</td> </tr> </tbody> </table>	Ingredient Name	ACGIH TLV	OSHA PEL	STEL	Propane	1000 ppm TWA	1000 ppm PEL	N/A	Isobutane	1000 ppm	N/A	1000 ppm	2-Propanone	500 ppm TWA	1000 ppm TWA	750 ppm
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Personal Protective Equipment	Goggles, Gloves																
General protective and hygienic measures	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Do not inhale gases / fumes / aerosols. Avoid contact with the eyes and skin.																
Respiratory protection	No respiratory protection should be needed with good local ventilation.																
Protection of hands	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.																
Eye protection	Tightly sealed goggles																

Section 9. Physical and Chemical Properties

Physical State	Aerosol
Color	Colorless
Odor	Characteristic
Odor Threshold	Not determined
Solubility	Soluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	(EC) 100%
Viscosity	N/A
Specific Gravity	0.79
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	-19C
FP Method	N/A
Ph	Not determined
Melting Point	Undetermined
Boiling Point	55C
Boiling Range	N/A
LEL	2.6
UEL	13
Evaporation Rate	N/A
Flammability	Not applicable
Decomposition Temperature	Not determined
Auto-ignition Temperature	Product is not selfigniting
Vapor Pressure	233 hPa @ 20C
Vapor Density	N/A

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

Section 10. Stability and Reactivity

Thermal decomposition / conditions to be avoided No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials No further relevant information available.

Hazardous decomposition products No dangerous decomposition products known.

Section 11. Toxicological Information

Primary irritant effect	On the skin: No irritant effect On the eye: Irritating effect
Sensitization	No sensitizing effects known
Additional toxicological information	The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Irritant

Section 12. Ecological Information

Aquatic toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.
Additional ecological information	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects	No further relevant information available.

Section 13. Disposal

Waste treatment methods Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Uncleaned packagings	Disposal must be made according to official regulations.

Section 14. Transport Information

UN Number	1950
UN Proper Shipping Name	ADR: 1950 AEROSOLS IMDG: AEROSOLS IATA: AEROSOLS, flammable
DOT Classification	ADR Class 2 5F Gases. Label 2.1 IMDG, IATA Class 2.1 Label 2.1
Packing Group	Void
Marine Pollutant	No
Special precautions for user	Warning: Gases EMS Number: F-D, S-U
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
Transport/Additional information	ADR Limited quantities (LQ): 11 UN "Model Regulation": UN1950, AEROSOLS, 2.1

Section 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substa

No further relevant information available.

Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

Section 16. Other Information

Revision Date

8/12/2016

Disclaimer

The data contained herein is based upon information that Soudal Accumetric 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.