



Safety Data Sheet

BOSS® 335 Gun Foam Cleaner

Section 1. Identification

Product Identifier BOSS® 335 Gun Foam Cleaner
Synonyms 812KIT; 334KIT; 33512
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
(270) 769-3385

Emergency Phone
(800) 424-9300
CHEMTREC

Fax
(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



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|----------------------------------|--|
| 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

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| 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.

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| 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 | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
|--|---|-----------|--------------|---------|
| | Propane | 1000 ppm | 1000 ppm PEL | N/A |
| | Isobutane | N/A | N/A | N/A |
| | 2-Propanone | 500 ppm | 1000 ppm | 750 ppm |
| Personal Protective Equipment | Goggles, Gloves | | | |
| General protective and hygienic measures | <p>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.</p> | | | |
| Respiratory protection | No respiratory protection should be needed with good local ventilation. | | | |
| Protection of hands | <p>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</p> <p>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.</p> <p>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.</p> | | | |
| Eye protection | Tightly sealed goggles | | | |

Section 9. Physical and Chemical Properties

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| 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

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| 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

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|------------------------------------|--|
| 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

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| 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

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| 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

11/6/2015

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.