

MSDS Document

Product BOSS® 699 Wasp 'n' Hornet Killer

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 699 Wasp 'n' Hornet Killer

Synonyms: 02298CL10

MSDS ID BOSS699

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 2/20/2007



Health:	1
Fire:	2
Reactivity:	0
Specific	PPE: B

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Piperonyl butoxide	51-03-6	0.4% - 0.6%			
Permethrin	52645-53-1	0.1% - 0.4%			
Tetramethrin	7696-12-0	0.1% - 0.2%			
Distillates, petroleum, hydrotreated light	64742-47-8				

3. Hazard Identification

Primary Routes of Entry

Inhalation

Eye Contact

May cause eye irritation.

Skin Contact

May cause irritation and mild defatting of skin.

Inhalation

Excessive inhalation of vapors can be harmful and may cause headache, dizziness, anesthetic effects, nausea, respiratory depression, cholinesterase depression.

Ingestion

Possible chemical pneumonitis if aspirated into lungs. Nausea, vomiting.

Chronic Effects

Effects due to excessive exposure to the raw materials of this mixture:

May cause cardiac abnormalities, central nervous system depression, lung, kidney, liver damage, inhibits cholinesterase.

Existing Conditions Aggravated by Exposure

May aggravate existing eye, skin and upper respiratory conditions.

4. First Aid Information

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact

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

Inhalation

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek 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

Auto-ignition Temperature

Not determined

Flammability Limits in Air

Not determined

Flammability - as per USA Flame Projection Test (aerosols)

Not flammable

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

Unusual Fire and Explosion Hazards

Contents under pressure. Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Do not use near fire, sparks or flame. Do not puncture or incinerate container. Do not expose to temperatures exceeding 120F as containers may vent, rupture or burst.

6. Accidental Release Measures

Steps to be taken in case of spill or release

Absorb with suitable medium. Incinerate or landfill according to local, state or federal regulations. DO NOT FLUSH TO SEWER.

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

7. Handling and Storage

Storage

Do not store at temperatures above 120F. Do not puncture or incinerate containers. Keep out of reach of children.

Handling

Do not puncture or incinerate containers. Keep out of reach of children. Read label precautions carefully. Follow label directions to avoid injury. Use only with adequate ventilation. Avoid breathing vapor and spray mist. Avoid contact with skin and eyes. Wash hands after using.

Other Precautions

Smoking in the area where this product is used should be strictly prohibited. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

8. Exposure Controls and Personal Protection

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

Respiratory Protection

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator:

General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

Hygienic Practices

Wash hands before eating, smoking, or using toilet facility. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

9. Physical and Chemical Properties

Physical State	Aerosol
Specific Gravity	0.8
Odor	Petroleum distillate odor
Boiling/Cond. Point	Not applicable
Solubility	Insoluble in water
Evaporation Rate	Not established
Vapor Density	Not established
Vapor Pressure	85-100 PSIG (aerosols)

Note

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

10. Stability and Reactivity

Chemical Stability

Stable

Hazardous Polymerization

Will not occur

Conditions to Avoid

Open flame, welding arcs, heat, sparks

Materials to Avoid

Avoid contact with strong oxidizers.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide

11. Toxicological Information

Carcinogenicity

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

12. Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

13. Disposal Considerations

Waste Disposal Method

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 the requirements of all applicable statutes.

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

14. Transportation Information

DOT Classification

Consumer Commodity ORM-D

15. Regulatory Information

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

TSCA Status

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

None

SARA Title III Section 313 Toxic Chemicals

Tetramethrin (7696-12-0)

Permethrin (52645-53-1)

Piperonyl butoxide (51-03-6)

California Proposition 65

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

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.