

Killer Foam

Safety Data Sheet



SECTION 1: Product and company identification

Product name : Killer Foam
Use of the substance/mixture : Insecticide
Aerosol
Product code : 840801
Company : Share Corporation
P.O. Box 245013
Milwaukee, WI 53224 - USA
T (414) 355-4000
Emergency number : Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flam. Aerosol 2 H223
Compressed gas H280
Acute Tox. 3 (Inhalation) H331
Skin Irrit. 2 H315
Aquatic Acute 2 H401
Aquatic Chronic 2 H411

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: Flammable aerosol
Contains gas under pressure; may explode if heated
Causes skin irritation
Toxic if inhaled
Toxic to aquatic life
Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US)

: Keep away from heat, sparks, open flames, hot surfaces. - No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use
Avoid breathing dust, fume, gas, mist, vapors, spray
Wash thoroughly after handling
Use only outdoors or in a well-ventilated area
Avoid release to the environment
Wear protective gloves
If on skin: Wash with plenty of soap and water
If inhaled: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER, a doctor
Specific treatment (see First aid measures on this label)
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
Collect spillage
Store in a well-ventilated place. Keep container tightly closed
Store locked up
Protect from sunlight. Store in a well-ventilated place
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

Other hazards not contributing to the classification

: Do not use this product in or on electrical equipment due to the possibility of shock hazard.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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Full text of H-phrases: see section 16

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
propane	(CAS No) 74-98-6	1 - 5	Flam. Gas 1, H220 Compressed gas, H280
isobutane	(CAS No) 75-28-5	1 - 5	Not classified
d-Phenothrin	(CAS No) 26002-80-2	0.2	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H335
TETRAMETHRIN	(CAS No) 7696-12-0	0.2	Not classified

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
- First-aid measures after inhalation : Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service. Artificial respiration and/or oxygen if necessary. Get medical advice/attention.
- First-aid measures after skin contact : Take off contaminated clothing. Rinse skin with water/shower. Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
- First-aid measures after ingestion : Immediately call a poison center or doctor/physician. Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

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

- Symptoms/injuries after inhalation : Toxic if inhaled.
- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.
- Symptoms/injuries after ingestion : Gastrointestinal complaints.

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

For skin effects, a highly efficient therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Adapt extinguishing media to the environment.
- Unsuitable extinguishing media : Water.

5.2. Special hazards arising from the substance or mixture

- Reactivity : Upon combustion: CO and CO2 are formed.

5.3. Advice for firefighters

- Firefighting instructions : Do not breathe fumes from fires or vapors from decomposition.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Eliminate every possible source of ignition.

6.1.1. For non-emergency personnel

- Protective equipment : Do not enter without an appropriate protective equipment.
- Emergency procedures : Evacuate unnecessary personnel. Ventilate the area thoroughly, especially low lying areas (basements, work pits etc.).

6.1.2. For emergency responders

- Protective equipment : Use personal protective equipment as required.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Stop leak if safe to do so. Prevent entry to sewers and public waters. Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

- For containment : Stop leak if safe to do so. Dam up the liquid spill.
- Methods for cleaning up : Take up liquid spill into inert absorbent material. Carefully collect the spill/leftovers.

6.4. Reference to other sections

No additional information available

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Do not puncture, incinerate or crush. Keep away from heat, sparks and flame.
- Precautions for safe handling : Avoid contact with eyes. Ensure good ventilation of the work station. Take precautionary measures against static discharge. Avoid breathing vapors, mist. Use only non-sparking tools. Use explosion-proof equipment. Ground/bond container and receiving equipment. Pressurized container: Do not pierce or burn, even after use.
- Hygiene measures : Use good personal hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Pressurized container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Storage conditions : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

propane (74-98-6)		
ACGIH	ACGIH TWA (ppm)	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
isobutane (75-28-5)		
ACGIH	ACGIH STEL (ppm)	1000 ppm

8.2. Exposure controls

- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.
- Personal protective equipment : Gloves. Protective clothing. Protective goggles. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Gas
- Appearance : Aerosol. Milky white liquid. milky. yellow.
- Odor : Odourless
- Odor threshold : No data available
- pH : 7.5 Test was performed on aerosol Non-Volatile's
- Melting point : No data available
- Freezing point : No data available
- Boiling point : No data available
- Flash point : > 200 °F Tag Closed Cup; Test was performed on aerosol Non-Volatile's
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosion limits : No data available
- Explosive properties : No data available
- Oxidizing properties : No data available
- Vapor pressure : No data available
- Relative density : No data available
- Relative vapor density at 20 °C : No data available
- Specific gravity / density : 0.999 g/ml (Aerosol Non-volatiles)
- Solubility : In water, material is partially soluble.
- Log Pow : No data available
- Log Kow : No data available

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Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 5.42 cP @ 20°C. Test was performed on aerosol Non-Volatile's
VOC content	: 10 %

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO₂ are formed.

10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4. Conditions to avoid

Heat. Open flame. Sparks.

10.5. Incompatible materials

strong acids. Strong bases. Oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Inhalation: Toxic if inhaled.
Skin corrosion/irritation	: Causes skin irritation. pH: 7.5 Test was performed on aerosol Non-Volatile's
Serious eye damage/irritation	: Not classified pH: 7.5 Test was performed on aerosol Non-Volatile's
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Toxic if inhaled.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely irritating.
Symptoms/injuries after ingestion	: Gastrointestinal complaints.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container to comply with local/regional/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

Transport document description	: UN1950 Aerosols (non-flammable, (each not exceeding 1 L capacity)), 2.2
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols non-flammable, (each not exceeding 1 L capacity)

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Transport hazard class(es) (DOT) : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115
Hazard labels (DOT) : 2.2 - Non-flammable gas



Dangerous for the environment : Yes
Marine pollutant : Yes



DOT Packaging Non Bulk (49 CFR 173.xxx) : None
DOT Packaging Bulk (49 CFR 173.xxx) : None
DOT Special Provisions (49 CFR 172.102) :
DOT Packaging Exceptions (49 CFR 173.xxx) : 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg
DOT Vessel Stowage Location : A
DOT Vessel Stowage Other : 25 - Shade from radiant heat, 87 - Stow "separated from" Class 1 (explosives) except Division 14, 126 - Segregation same as for Class 9, miscellaneous hazardous materials

Additional information

Other information : This product may be eligible to be shipped as a Limited Quantity or Consumer Commodity ORM-D utilizing the exception found at 49 CFR 173.306.

ADR

No additional information available

Transport by sea

UN-No. (IMDG) : 1950
Proper Shipping Name (IMDG) : AEROSOLS
Class (IMDG) : 2 - Gases

Air transport

UN-No. (IATA) : UN1950
Proper Shipping Name (IATA) : Aerosols, non-flammable
Class (IATA) : 2.2 - Gases : Non-flammable, non-toxic

SECTION 15: Regulatory information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

TETRAMETHRIN	CAS No 7696-12-0	0.2
propane (74-98-6)		
Not listed on SARA Section 313 (Specific toxic chemical listings)		
TETRAMETHRIN (7696-12-0)		
Listed on SARA Section 313 (Specific toxic chemical listings)		

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California Proposition 65 - This product does not contain a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use. The hazard information required on the pesticide label is reproduced below:

Signal word: **CAUTION**

Precautionary Statements: Harmful if absorbed through skin.

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

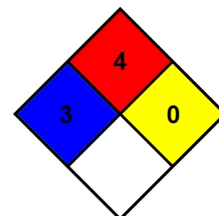
Full text of H-phrases:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Compressed gas	Gases under pressure Compressed gas
Flam. Aerosol 2	Flammable aerosol Category 2
Flam. Gas 1	Flammable gases Category 1
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H220	Extremely flammable gas
H223	Flammable aerosol
H280	Contains gas under pressure; may explode if heated
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H401	Toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects

NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.

NFPA fire hazard : 4 - Will rapidly or completely vaporize at normal pressure and temperature, or is readily dispersed in air and will burn readily.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

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