

Portable Aerosol Fire Suppressor

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022
Issue date: 2025-04-01 Revision date: 2025-04-01 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : Portable Aerosol Fire Suppressor
Product code : MQB/S050

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Fire suppressor.
For use on Class B and C fires. Can also be used in the initial stage of Class A and F fires and small electrical or lithium battery fires.

1.4. Supplier's details

Manufacturer	Distributors
MAUS USA LLC	Leveled Up Ventures
930 S 4th St Suite 209	Leveledup.ventures
Las Vegas, 89101	(702) 659-5613
USA	
T (702) 659-5613	

1.5. Emergency phone number

Emergency number : (702) 659-5613 Hours 9am to 5pm PST

SECTION 2 Hazard identification


2.1. Classification of the substance or mixture

GHS classification

Serious eye damage/eye irritation, Category 2A
Skin sensitization, Category 1
Carcinogenicity, Category 2
Specific target organ toxicity, Repeated exposure, Category 2

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) : 

Signal word (GHS) : Warning

Hazard statements (GHS) : May cause an allergic skin reaction
Causes serious eye irritation
Suspected of causing cancer.
May cause damage to organs (urinary tract) through prolonged or repeated exposure

Precautionary statements (GHS) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust, fume, gas, mist, vapours, spray.
Wash hands, forearms and face thoroughly after handling.

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Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.
If exposed or concerned: Get medical advice/attention.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice or attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.
Get medical advice or attention if you feel unwell.
Store locked up.
Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%Weight
Melamine	Melamine Cyanurotriamide / Cyanurotriamine / 2,4,6-Triamino-1,3,5-triazine / 2,4,6-Triamino-s-triazine / s-Triazine, 2,4,6-triamino- / 1,3,5-Triazine- 2,4,6-triamine / Isomelamine / MELAMINE	CAS-No.: 108-78-1	10 – 30

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Name	Chemical name / Synonyms	Product identifier	%Weight
Phenol-formaldehyde polymer	Phenol-formaldehyde polymer Formaldehyde, oligomeric reaction products with phenol / Phenol, polymer with formaldehyde / Resin, phenol formaldehyde / Phenol-formaldehyde resins / Phenol/formaldehyde polymer / Phenol/formaldehyde resin / Phenol-formaldehyde resin / Phenol-formaldehyde copolymer / T-77 / Phenolic formaldehyde resins / Phenol resin / Phenoplasts / Bakelite / Phenol-formaldehyde condensations products / Phenolic resin / Phenol/formaldehyde copolymer, novolak type / Polymer of formaldehyde/phenol	CAS-No.: 9003-35-4	10 – 30

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer. May cause damage to organs (urinary tract) through prolonged or repeated exposure

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Flame and fire suppression agent. Water may be used as an additional suppressing agent.
Unsuitable extinguishing media	: None known.

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5.2. Specific hazards arising from the chemical

Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Nitrogen oxides. Irritating vapours.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel

No additional information available

For emergency responders

Environmental precautions : Prevent entry to sewers and public waters.

6.2. Methods and materials for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Minimise dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Do not breathe dust, fume, gas, mist, spray, vapours. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Avoid dust formation. Good housekeeping is important to prevent accumulation of dust.

Hygiene measures : Take off contaminated clothing and wash it before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Store locked up.

Maximum storage period : 5 years

Storage temperature : -18 – 118 °F (-27.78 - 47.78 °C)

Specific end uses : Fire suppressor.
For use on Class B and C fires. Can also be used in the initial stage of Class A and F fires and small electrical or lithium battery fires.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

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Melamine (108-78-1)

USA - AIHA - Occupational Exposure Limits

WEEL TWA	3 mg/m ³
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8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Provide readily accessible eye wash stations and safety showers.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:

Wear suitable gloves resistant to chemical penetration. Consult glove manufacturer's product information on material suitability and material thickness.

Eye protection:

Wear eye/face protection

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. SDSs cannot provide detailed and complete respiratory protection guidelines. Selection of respiratory protection must be done by a qualified person who has assessed the work environment.

Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available
Relative vapour density at 20°C/ 68 °F	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Activation temperature	: 370 °F (187.8 °C) +/- 10 °F
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: No data available
Particle characteristics	: No data available

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Melamine	
Boiling point	354 °C (with decomposition)
Flash point	300 °C (open cup)
Auto-ignition temperature	1050 °C (at 1013 hPa)
Vapour pressure	0 hPa (at 20 °C)
Particle characteristics	No data available

Phenol-formaldehyde polymer	
Boiling point	229.3 °C Atm. press.: 968 hPa Decomposition: 'no' Remarks on result: 'other:'
Flash point	96.3 °C Atm. press.: 969,6 hPa Remarks on result: 'other:'
Vapour pressure	3.18 Pa Temp.: 25 °C Remarks on result: 'other:'
Particle characteristics	No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use. Finished product in its mixed form can nullify or weaken any effects of one single ingredient in the product.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Excessive heat. Incompatible materials

10.5. Incompatible materials

Metals.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Nitrogen oxides. Irritating vapours.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified.
Acute toxicity (dermal) : Not classified.
Acute toxicity (inhalation) : Not classified.

Melamine (108-78-1)	
LD50 oral rat	3161 mg/kg (Source: NLM_CIP)

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Melamine (108-78-1)	
LD50 dermal rabbit	> 1 g/kg (Source: NLM_CIP)
LC50 inhalation rat	> 5.19 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation))
Phenol-formaldehyde polymer (9003-35-4)	
LD50 oral rat	> 5 g/kg (Source: ECHA)
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
LC50 inhalation rat	> 5 mg/l air Animal: rat, Guideline: other:, Remarks on results: other:
Skin corrosion/irritation	: Not classified.
Phenol-formaldehyde polymer (9003-35-4)	
pH	6 Temp.: 26,2 °C Concentration: 1 vol% Remarks on result: 'other:'
Serious eye damage/irritation	: Causes serious eye irritation.
Phenol-formaldehyde polymer (9003-35-4)	
pH	6 Temp.: 26,2 °C Concentration: 1 vol% Remarks on result: 'other:'
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Suspected of causing cancer.
Melamine (108-78-1)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes
Reproductive toxicity	: Not classified.
STOT-single exposure	: Not classified.
STOT-repeated exposure	: May cause damage to organs (urinary tract) through prolonged or repeated exposure
Melamine (108-78-1)	
STOT-repeated exposure	May cause damage to organs (urinary tract) through prolonged or repeated exposure
Phenol-formaldehyde polymer (9003-35-4)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: other:
Aspiration hazard	: Not classified.
Portable Aerosol Fire Suppressor	
Viscosity, kinematic	No data available
Melamine (108-78-1)	
Viscosity, kinematic	No data available
Phenol-formaldehyde polymer (9003-35-4)	
Viscosity, kinematic	No data available
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: May cause skin irritation. Repeated exposure may cause skin dryness or cracking. May cause an allergic skin reaction.

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Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic symptoms	: Suspected of causing cancer. May cause damage to organs (urinary tract) through prolonged or repeated exposure
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: May cause long-term adverse effects in the aquatic environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified.
Hazardous to the aquatic environment, long-term (chronic)	: Not classified.

Melamine (108-78-1)	
LC50 - Fish [1]	> 3000 mg/l (Exposure time: 96 h - Species: Poecilia reticulata Source: IUCLID)
EC50 - Crustacea [1]	> 2000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h - Algae [1]	940 mg/l (Species: Scenedesmus pannonicus)
LOEC (chronic)	> 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	≥ 11 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	≥ 5.1 mg/l Test organisms (species): Pimephales promelas Duration: '36 d'
Phenol-formaldehyde polymer (9003-35-4)	
EC50 - Crustacea [1]	172 mg/l Test organisms (species): Daphnia pulex

12.2. Persistence and degradability

Portable Aerosol Fire Suppressor	
Persistence and degradability	Not established.
Melamine (108-78-1)	
Persistence and degradability	Rapidly degradable
Phenol-formaldehyde polymer (9003-35-4)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

Portable Aerosol Fire Suppressor	
Bioaccumulative potential	Not established.
Melamine (108-78-1)	
BCF - Fish [1]	(0.38 dimensionless)
Partition coefficient n-octanol/water	-1.22 (at 22 °C (at pH 8)
Phenol-formaldehyde polymer (9003-35-4)	
Partition coefficient n-octanol/water	3.564 (at 25 °C (at pH 4.6)

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified.
Fluorinated greenhouse gases	: No
Other information	: No other effects known.

SECTION 13 Disposal considerations

Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
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SECTION 14 Transport information

In accordance with DOT / TDG

14.1. UN Number

UN-No. (DOT)	: Not regulated
UN-No. (TDG)	: Not regulated

14.2. UN Proper Shipping Name

Proper Shipping Name (DOT)	: Not regulated
Proper Shipping Name (TDG)	: Not regulated

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT)	: Not regulated
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TDG

Transport hazard class(es) (TDG)	: Not regulated
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14.4. Packing group

Packing group (DOT)	: Not regulated
Packing group (TDG)	: Not regulated

14.5. Environmental hazards

Other information	: No supplementary information available.
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14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

TDG
Not regulated

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SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other Information

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2024 and the Hazardous Products Regulations (HPR) WHMIS 2022	
Revision date	: 2025-04-01
Issue date	: 2025-04-01
Other information	: None.
Prepared by	: Nexreg Compliance Inc. www.Nexreg.com



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