



SAFETY DATA SHEET

OUGIST Water-Based Fire Extinguisher

Model: MSWJ620

SDS Effective Date	2024-01-01	Revision Date	2024-01-01
GHS Basis	UN GHS, 9th revised edition	Source Report	TJTest GHS SDS Report T230101995E

Customer Safety Summary

- This product is a pressurized fire extinguisher containing a water-based extinguishing agent.
- Primary hazard: gas under pressure - the cylinder may rupture or explode if heated.
- Store in a cool, well-ventilated area away from heat, flames, and direct sunlight.
- Avoid breathing mist or spray. If inhaled, move the person to fresh air and seek medical advice if symptoms occur.
- Dispose of used or damaged units according to local, regional, national, and international regulations.

1. Product and Company Identification

Product identifier	OUGIST Water-Based Fire Extinguisher
Model	MSWJ620
Product brand	OUGIST
Recommended use	Portable fire extinguisher / fire extinguishing agent.
Uses advised against	Use only as directed by the product instructions. Do not use damaged, modified, punctured, overheated, or discharged units.
Supplier / distributor	TrackLink Trading INC / OUGIST
Address	21137 Commerce Pointe Dr, Walnut, CA 91789, USA
Customer service	service@ougist.com
Emergency guidance	For medical or fire emergencies, contact local emergency services or a poison center immediately.

2. Hazards Identification

GHS classification	Gas under pressure / compressed gas.
GHS pictogram	Gas cylinder (GHS04).
Signal word	Warning.
Hazard statement	H280: Contains gas under pressure; may explode if heated.
Health hazards	No specific health hazards are reported for normal intended use. Avoid breathing spray, mist, or vapor.
Environmental hazards	No specific data available. Avoid unnecessary release to the environment.

Precautionary statements:

- P261: Avoid breathing dust, fume, gas, mist, vapor, or spray.
- P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312: Call a poison center or doctor if you feel unwell.
- P410 + P403: Protect from sunlight. Store in a well-ventilated place.
- P501: Dispose of contents and container in accordance with applicable regulations.

3. Composition / Information on Ingredients

Product type: Mixture / preparation. The composition below is reported for the extinguishing agent contained in the finished product.



Component	CAS No.	Concentration (weight %)
Surface active agent	68084-34-4	1%
Foaming agent	80-17-1	1%
Water	7732-18-5	90%
Flame retardant	917-23-7	4%
Wetting agent	3013-94-3	4%

4. First-Aid Measures

General advice	If symptoms occur or exposure is significant, seek medical advice. Show this SDS to medical personnel.
Skin contact	Wash with plenty of water. Remove contaminated clothing and shoes.
Eye contact	Rinse carefully with running water or saline. Seek medical attention if irritation persists.
Inhalation	Move person to fresh air and keep comfortable for breathing. Seek medical attention if feeling unwell.
Ingestion	Rinse mouth. Do not give anything by mouth to an unconscious person. Seek medical attention.
Most important symptoms/effects	No specific symptoms reported. Effects may be delayed.
Special treatment	Treat symptomatically.

5. Fire-Fighting Measures

Suitable extinguishing media	suitable for the surrounding fire, such as water, alcohol-resistant foam, dry chemical powder, or carbon dioxide.
Unsuitable extinguishing media	No data available.
Specific hazards	When exposed to high heat, internal pressure may increase and the container may rupture or explode.
Protective equipment	Firefighters should wear self-contained breathing apparatus and full protective gear.
Firefighting advice	Fight fire from a safe distance with adequate cover. Prevent firefighting water from contaminating surface or groundwater when possible.

6. Accidental Release Measures

- Ensure adequate ventilation and remove ignition sources where safe to do so.
- Keep unnecessary personnel away and stay upwind of any release.
- Use appropriate personal protective equipment and avoid breathing mist, spray, vapor, gas, or dust.
- Avoid discharge to drains, waterways, or the environment.
- Collect spilled material and dispose of it promptly in accordance with applicable laws and regulations.

7. Handling and Storage

Handling	Use only as directed. Do not puncture, crush, incinerate, disassemble, or expose the extinguisher to excessive heat. Keep away from flames and heat sources.
Ventilation	Use in well-ventilated areas. Avoid breathing mist or spray.
Storage	Store in a cool, dry, well-ventilated area away from heat, ignition sources, and direct sunlight. Keep container closed and protected from damage.
Hygiene	Do not eat, drink, or smoke while handling leaked material. Wash hands after handling.



8. Exposure Controls / Personal Protection

Occupational exposure limits	No occupational exposure limits are specified for the reported components in the source SDS.
Engineering controls	Ensure adequate ventilation, especially in confined areas. Keep eyewash stations and safety showers available where bulk handling may occur.
Eye / face protection	Use safety goggles if contact with agent, mist, or spray is possible.
Hand protection	Use protective gloves if handling leaked or discharged material.
Respiratory protection	Under normal use, respiratory protection is generally not required. Use appropriate respiratory protection if mist or spray exposure is possible.
Skin / body protection	Wear standard protective clothing for routine handling; use additional protection when cleaning up significant releases.

9. Physical and Chemical Properties

Appearance	Pressurized metal fire extinguisher containing a water-based extinguishing agent. The source report describes the agent as pale blue.
Odor	Weak odor.
pH	No data available.
Flammability	Non-flammable.
Flash point	No data available.
Vapor pressure	No data available.
Relative density	No data available.
Solubility	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.

10. Stability and Reactivity

Reactivity	Contact with incompatible materials may cause decomposition or other chemical reactions.
Chemical stability	Stable under recommended use and storage conditions.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Heat, direct sunlight, electrostatic discharge, excessive humidity, and physical damage to the cylinder.
Incompatible materials	Strong oxidizers, strong acids, and strong bases.
Hazardous decomposition products	No hazardous decomposition products are expected under normal storage and use conditions.

11. Toxicological Information

Acute toxicity	LD50/LC50 data: Not available for the reported mixture.
Skin corrosion / irritation	No data available.
Serious eye damage / irritation	No data available.
Respiratory or skin sensitization	No data available.
Carcinogenicity	Reported components are not listed by IARC or NTP in the source SDS.
Specific target organ toxicity	No data available.



Aspiration hazard	No data available.
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12. Ecological Information

Aquatic toxicity	No acute or chronic aquatic toxicity data available for the reported mixture.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
PBT / vPvB assessment	No data available.
General environmental advice	Avoid unnecessary release to the environment.

13. Disposal Considerations

- Recycle where permitted and practical.
- Dispose of contents and container according to local, regional, national, and international regulations.
- Residual pressure or agent may remain after discharge. Keep used containers away from heat and ignition sources.
- Do not puncture, burn, or compact the cylinder unless handled by an authorized recycling or disposal service.

14. Transport Information

Transport item	Information
UN number	UN 1044
UN proper shipping name	FIRE EXTINGUISHERS with compressed or liquefied gas
Transport hazard class	2.2
Packing group	Not applicable / as required for UN 1044.
Marine pollutant	No.
Packing method	Pack according to manufacturer recommendations and applicable transport regulations.

15. Regulatory Information

Chemical inventory information is reported by component in the source SDS. Regulatory obligations may vary by jurisdiction and by final product configuration.

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECL	AICS
Surface active agent	Listed	Not listed	Listed	Listed	Listed	Not listed	Listed	Not listed
Foaming agent	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Water	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed
Flame retardant	Listed	Listed	Listed	Not listed	Not listed	Not listed	Not listed	Not listed
Wetting agent	Listed	Not listed	Listed	Listed	Not listed	Not listed	Not listed	Listed

16. Other Information

Prepared for: OUGIST / TrackLink Trading INC customer communication.

Source document: TJTest GHS SDS Report T230101995E, dated 2024-01-01, reported valid until 2029-01-01.

Abbreviations: CAS - Chemical Abstracts Service; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; NTP - National Toxicology Program; PBT - Persistent, Bioaccumulative and Toxic; vPvB - very Persistent and very Bioaccumulative.

Disclaimer: The information in this SDS is based on the source report and information available at the time of preparation. It is provided for customer safety communication and does not guarantee specific product properties. Users should determine suitability for their intended use and comply with applicable laws and regulations.