



# Material Safety Data Sheet

Water extinguisher  
MSDS NO.: AJT180730051E

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Water extinguisher  
**Product Use:** Fire extinguisher

### Supplier Information

**Company Name:** ZHEJIANG ORIENTX FIRE SAFETY EQUIPMENT CO., LTD.  
**Address:** WUCHEYAN, YUYAO, NINGBO, CHINA, 315466  
**Tel:** 0086-574-62003911  
**Fax:** 0086-574-62003934  
**Email:** elsa@orientxfire.com  
**Emergency Telephone:** 0086-574-62003911

## 2. HAZARDS IDENTIFICATION

### Emergency Overview

#### Physical Status:

Barrel material (Carbon Steel); extinguish agent (water, nitrogen)

#### Potential Acute Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Non-corrosive for lungs.

#### Potential Chronic Health Effects:

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs.

**CARCINOGENIC EFFECTS:** Not available.

**MUTAGENIC EFFECTS:** Not available.

**TERATOGENIC EFFECTS:** Not available.

**DEVELOPMENTAL TOXICITY:** Not available.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Preparation:** Substance

Ingredients Name	Content/%	CAS No.	EINECS No.	EU Classification
Barrel material (carbon steel)	-	-	-	-



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Water	~99.991	7732-18-5	231-791-2	-
Nitrogen	~0.009	7727-37-9	231-783-9	-

**Note:**

- 1: This MSDS is prepared mainly according to water inside the extinguisher.
- 2: This MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

## 4. FIRST AID MEASURES

- Eye Contact:** Not applicable.
- Skin Contact:** Not applicable.
- Serious Skin Contact:** Not available.
- Inhalation:** Not applicable.
- Serious Inhalation:** Not available.
- Ingestion:** Not Applicable
- Serious Ingestion:** Not available.

## 5. FIRE FIGHTING MEASURES

- Flammability of the Product:** Non-flammable.
- Auto-Ignition Temperature:** Not applicable.
- Flash Points:** Not applicable.
- Flammable Limits:** Not applicable.
- Products of Combustion:** Not available.
- Fire Hazards in Presence of Various Substances:** Not applicable.
- Explosion Hazards in Presence of Various Substances:** Not Applicable
- Fire Fighting Media and Instructions:** Not applicable.
- Special Remarks on Fire Hazards:** Not available.
- Special Remarks on Explosion Hazards:** Not available.

## 6. ACCIDENTAL RELEASE MEASURES



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**Small Spill:** Mop up or absorb with an inert dry material and place in an appropriate waste disposal container.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

### 7. HANDLING AND STORAGE

**Precautions:** No specific safety phrase has been found applicable for this product.

**Storage:** Not applicable.

### 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering Controls:** Not Applicable

**Personal Protection:** Safety glasses. Lab coat.

**Personal Protection in Case of a Large Spill:** Not Applicable

**Exposure Limits:** Not available.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state and appearance:** Liquid.

**Odor:** Odorless.

**Taste:** Not available.

**Molecular Weight:** 18.02 g/mole

**Color:** Colorless.

**pH (1% soln/water):** 7 [Neutral.]

**Boiling Point:** 100°C (212°F)

**Melting Point:** Not available.

**Critical Temperature:** Not available.

**Specific Gravity:** 1 (Water = 1)

**Vapor Pressure:** 2.3 kPa (@ 20°C)

**Vapor Density:** 0.62 (Air = 1)

**Volatility:** Not available.

**Odor Threshold:** Not available.

**Water/Oil Dist. Coeff.:** Not available.

**Ionicity (in Water):** Not available.

**Dispersion Properties:** Not applicable

**Solubility:** Not Applicable



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### 10. STABILITY AND REACTIVITY

**Stability:** The product is stable.  
**Instability Temperature:** Not available.  
**Conditions of Instability:** Not available.  
**Incompatibility with various substances:** Not available.  
**Corrosivity:** Not available.  
**Special Remarks on Reactivity:** Not available.  
**Special Remarks on Corrosivity:** Not available.  
**Polymerization:** Will not occur.

### 11. TOXICOLOGICAL INFORMATION

**Routes of Entry:** Absorbed through skin. Eye contact.  
**Toxicity to Animals:**  
LD<sub>50</sub>: [Rat] - Route: oral; Dose: > 90 ml/kg LC<sub>50</sub>: Not available.  
**Chronic Effects on Humans:** Not available.  
**Other Toxic Effects on Humans:**  
Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation. Non-irritant for lungs. Non-sensitizer for lungs. Non-corrosive to the eyes. Noncorrosive for lungs.  
**Special Remarks on Toxicity to Animals:** Not available.  
**Special Remarks on Chronic Effects on Humans:** Not available.  
**Special Remarks on other Toxic Effects on Humans:** Not available.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available.  
**BOD5 and COD:** Not available.  
**Products of Biodegradation:**  
Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.  
**Toxicity of the Products of Biodegradation:** The product itself and its products of degradation are not toxic.  
**Special Remarks on the Products of Biodegradation:** Not available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:**  
Waste must be disposed of in accordance with federal, state and local environmental control regulations.



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### 14. TRANSPORT INFORMATION

**DOT CFR 172.101 Data** Fire extinguishers, 2.2, UN1044

**UN Proper Shipping Name** Fire extinguishers

**UN Class** UN1044

**UN Number** (2.2)

**UN Packaging Group** Not applicable

**Classification for AIR Transportation (IATA)** Consult current IATA Regulations prior to shipping by air.

**Classification for Water Transport IMDG** Consult current IMDG Regulations prior to shipping by water.

### 15. REGULATORY INFORMATION

#### United States TSCA Inventory

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Substance Inventory.

#### Canada DSL Inventory

All ingredients in this product are listed on the Domestic Substance List (DSL) or the Non-Domestic Substance List (NDSL) or are exempt from listing.

#### SARA Title III Sect. 311/312 Categorization: Pressurized

Pressure hazard

#### SARA Title III Sect. 311/312 Categorization: Non-pressurized

None

#### SARA Title III Sect. 313

This product does not contain any chemicals that are listed in Section 313 at or above de minimis concentrations.

### 16. OTHER INFORMATION

#### Risk phrases in section 3:

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**Issue Date:** 2018-7-30

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and



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recommendations. We make no representation as to completeness or accuracy. In no event we shall be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

\* \* \* END OF MSDS \* \* \*