



SAFETY DATA SHEET

Victory Fire & Gas Inc

1713 Lewis Street, Bay City, MI. 48706. Office - +1 (989).322.0856.

E-Mail: info@victoryfiregas.com, Website <http://www.victoryfiregas.com>

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER:

Product Name

ZXUL90 ABC DRY CHEMICAL POWDER EXTINGUISHANT
(Victory Fire and Gas Multi-Purpose ABC Dry Chemical Extinguisher Agent, Pressurized and Non-pressurized)

OTHER MEANS OF IDENTIFICATION:

Extinguishant, ABC90, Multipurpose Dry Chemical, MAP90, 90% MAP, Ammonium Phosphate, Mono-ammonium Phosphate, Ammonium Dihydrogen Phosphate.

PRODUCT CODE :

FOR EXTINGUISHER TYPES

PD2.5LB / PD2.5LB-AL / PD2.5LB-S / PD2.5LB-ALS / PD5LB / PD5LB-AL / PD5LB-H / PD5LB-ALH / PD5LB-S / PD5LB-ALS / PD5LB-HS / PD5LB-ALHS / PD10LB / PD10LB-AL / PD10LB-S / PD10LB-ALS / PD20LB / PD20LB-AL / PD20LB-S / PD20LB-ALS / PD20LBHF / PD20LBHF-A / PD20LBHF-S / PD20LBHF-AS / PD20LB-H / PD20LB-ALH / PD30LBHF / PD30LB / PD50LB / PD125LB

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

- Recommended Use: Firefighting agent for fires involving class A, B and class C.
- Uses advised against: Do not use on fires involving classes D, K or Lithium-Ion Batteries.
Not for human or animal ingestion or drug use.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

- Supplier: VICTORY FIRE & GAS INC.
- Street : 1713 Lewis Street
- Postal City/Postal Code/Country: Bay City, MI 48706, USA
- Company telephone: +1 (989) 322 0856 – 9am- 5pm EST Mon- Friday
- Website / Email: <http://www.victoryfiregas.com> info@victoryfiregas.com

EMERGENCY TELEPHONE NUMBER

- Emergency telephone number (24 hrs.): CHEMTREC No. (800) 424 9300 (Within USA and Canada) / CHEMTREC No. +1(703) 527 3887 (Outside USA and Canada)

SECTION 2 : HAZARD IDENTIFICATION

CLASSIFICATION

- This SDS covers the product listed as above sold in pressurized and non-pressurized containers.
- Safety data sheet in accordance with OSHA Hazard Communication Standards (19 CFR 1910, 1200), the Canadian Hazardous Products Regulations (HPR) and the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals.

Hazard Class	Category	Signal Word
Gases under Pressure (*)	Compressed gas	Warning
Acute Toxicity / Oral	5	Warning
Skin Corrosion / Irritation	2	Warning
Serious Eye Damage / Eye Irritation	2A	Warning
Acute Toxicity / Inhalation	5	Warning
Specific Target Organ Toxicity (STOT) – Single Exposure: Respiratory Tract Irritation	3	Warning



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CLASSIFICATION : pressurized (*) / unpressurized

Hazard Pictograms	 
Pictogram Code	GHS04 Gases Under Pressure (*) / GHS07 Exclamation Mark
Signal Word	WARNING
GHS Hazard	Hazard Statements (GHS Codes and Phrases)
Physical Hazards	H280: Contains gas under pressure; may explode if heated (*)
Health Hazards	H303: May be harmful if swallowed. H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation
	Precautionary Statements (GHS Codes and Phrases applicable to Hazard Statements)
Prevention	P261: Avoid breathing dust P264: Wash hands thoroughly after handling. P264 + P265: Wash exposed skin thoroughly after handling. Do not touch eyes. P271: Use only outdoors in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face protection
Response	P319 : Get medical help if you feel unwell. P321 : Specific treatment (see section 4 : First aid measures) P301 + P317: IF SWALLOWED: Get medical help. P302 + P352: IF ON SKIN: Wash with plenty of water. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351+ P338: IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332 + P317: If skin irritation occurs: Get medical help. P362 + P364: Take off contaminated clothing and wash before reuse. P337 + P317: If eye irritation persists: Get medical help.
Storage	P405: Store locked up (NOTE: Only applies to refills and containers of agent, not fire extinguisher) P410 + P403: Protect from sunlight. Store in well-ventilated place (*) P403+ P233: Store in a well-ventilated place. Keep container tightly closed.
Disposal	P501: Dispose of contents/container in accordance with local/regional/national/international regulations

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

- Mica may contain small quantities of quartz (crystalline silica) as an impurity.
- Prolonged exposure to respirable crystalline silica dust at concentrations exceeding occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis.
- IARC found evidence of pulmonary carcinogenicity of crystalline silica in humans.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURE - INGREDIENTS

- This product is a mixture. The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

Ingredients (Designation)	REACH Reg. No.	CAS No.	EC No.	Content (% wt.)	Classification
Mono Ammonium Phosphate (Ammonium Dihydrogen Phosphate)	01-2119488166-29-0038	7722-76-1	231-764-5	>90%	N/A
Mica (Potassium Aluminum Silicate)	-	12001-26-2	-	<5.0%	N/A
Silica White (Amorphous silica)	-	7631-86-9	231-545-4	<3.0%	N/A



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Methyl Hydrogen Polysiloxane (Silicone oil)	-	63148-57-2		<1.0%	N/A
Pigment (Yellow)	-	6358-85-6		<1.0%	N/A
Nitrogen (Only when extinguisher is pressurized)	-	7727-37-9	231-783-9	Propellant	N/A

SECTION 4 : FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

Eye Exposure	Skin Exposure	Inhalation	Ingestion
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation develops,	May cause skin irritation. In case of contact, wash affected area with plenty of soap and water. If irritation persists, seek medical attention	Symptoms may include coughing, shortness of breath and irritation to the lungs. If respiratory irritation, breathing difficulty or distress occurs, remove victim to fresh air and immediately obtain medical attention.	Overdose symptoms may include numbness or tingling in hands or feet, uneven heart rate, paralysis, feeling faint, chest pain or heavy feeling, pain spreading to the arm or shoulder, nausea, sweating, general ill feeling, or seizure (convulsions). If the victim is conscious and alert, give 2-3 glasses of water to drink. If conscious, do not induce vomiting. Seek immediate medical attention. Do not leave the victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Seek medical attention

MEDICAL CONDITIONS AGGRAVATED

- Inhalation of dry chemicals may aggravate existing chronic respiratory conditions e.g., asthma, emphysema, or bronchitis.
- Skin contact may aggravate existing skin diseases.
- Chronic overexposure may cause pneumoconiosis ("Dusty Lung" disease).

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- None known.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- Note to Physicians. Treat symptomatically. See LABEL ELEMENTS

SECTION 5 : FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- This product is an extinguishing agent. It is non-flammable and non-combustible. See section 1 for fire class suitability.
- Use extinguishing agent appropriate to other materials involved.
- Keep pressurized containers and surroundings cool with water spray as they may rupture or burst when exposed to heat of a fire.
- The extinguishing agent is not sensitive to static discharge or mechanical impact.



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UNSUITABLE EXTINGUISHING MEDIA

- None

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

- In a fire or explosion hazards may decompose releasing may release ammonia, phosphorous oxides, and carbon oxides (see section 10).
- Pressurized containers may rupture or burst when exposed to heat of a fire.

EXPLOSION DATA

- Sensitivity to Mechanical Impact: Not sensitive
- Sensitivity to Static Discharge: Not sensitive

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

- Fire fighters should wear protective clothing as appropriate for specific fire conditions.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Personal Precautions

- Avoid eye and skin contact.
- Wear appropriate personal protective equipment and clothing to minimize exposure.
- Increase ventilation.

For emergency Responders

- Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

ENVIRONMENTAL PRECAUTIONS

Environmental Precautions

- If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
- Dispose of waste according to the applicable local and national regulations.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment

- Stop leak if you can do it without risk.
- If sweeping of a contaminated area is necessary, use a dust suppressing agent which does not react with product.
- Do not mix with other extinguishing agents, particularly potassium bicarbonate, sodium bicarbonate or potassium allopbanate (Monnex).
- Incompatible with strong oxidizing agents and strong acids and chlorine compounds.

Methods for Cleaning Up

- Avoid dust formation; clean up released material using vacuum or wet sweep and shovel to minimize generation of dust.
- Bag and transfer to properly labeled containers.
- Ventilate area and wash spill site after material pickup is complete.

Other

- If product is contaminated, use PPE and containment appropriate to the nature of the most toxic chemical or material in the mixture.



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SECTION 7 : HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice for Safe Handling:

- Maintain high standards of personal hygiene i.e., Washing hands prior to eating, drinking, smoking, or using toilet facilities.
- Wear appropriate PPE when handling or maintaining equipment (see section 8).
- Do not drag or slide pressurized containers.
- Do not drop pressurized containers or permit them to strike against each other.
- Inspect extinguishers frequently in accordance with local / national regulations.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions

- Keep extinguishing agent in original container or fire extinguisher.
- Inspect the container for rust or damage that may compromise the container's integrity.
- Store pressurized containers away from high heat sources.
- Storage areas should be kept dry & clean and free from flammable materials.
- Do not store in high humidity.
- Use products only in a cool, well-ventilated area under cover and out of direct sunlight.
- Never apply flame or localized heat directly to any part of the pressurized container.

Incompatible Materials

- Do not mix with other extinguishing agents, particularly potassium bicarbonate, sodium bicarbonate or potassium alloxanate (Monnex)
- Incompatible with strong oxidizing agents, strong acids or chlorine compounds.

Environmental Precautions:

- Prevent the buildup of dust in the work atmosphere.
- Ensure that storage conditions comply with applicable local and national regulations.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS

Exposure Guidelines

Substance	OSHA PEL / CAL-OSHA PEL TWA	ACGIH TLV
Mono-Ammonium Phosphate	OSHA PEL : 15 mg/m ³ (total) / Respirable fraction 5 mg/m ³	3 mg/m ³ Respirable fraction / 10 mg/m ³ inhalable
Mica < 1% crystalline silica (Potassium Aluminum Silicate)	OSHA PEL :20 mppcf CAL/OSHA PEL: Respirable fraction 3 mg/m ³	3 mg/m ³ TWA, measured as respirable fraction of the aerosol.
Silica White (amorphous silica)	OSHA PEL : 20 mppcf or (80mg/m ³)/(%SiO ₂) CAL/OSHA PEL: 6mg/m ³ (total dust), 3 mg/m ³ (respirable dust)	Withdrawn
Methyl Hydrogen Polysiloxane (Silicone oil)	Not regulated	Not regulated
Pigment (yellow)	Not regulated	Not regulated



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Nitrogen (Expellant only when extinguisher is pressurized)	Not regulated	Not regulated
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(PNOC) – Particulates not otherwise classified (ACGIH), or Particulates not otherwise regulated (OSHA PEL) - Permissible exposure limit. The permissible exposure limit (PEL or OSHA PEL) is a legal limit in the United States for exposure of an employee to a chemical substance., (TLV) - Within the context of workplace safety, represents the maximum airborne concentration of a chemical substance to which an adult can be exposed to in the workplace over the course of his or her life time without suffering significant harm. All values are 8 hour time weighted average (TWA) concentrations.

DATA SOURCES :

- [Permissible Exposure Limits – OSHA Annotated Table Z-1 | Occupational Safety and Health Administration](#);
- [Permissible Exposure Limits – OSHA Annotated Table Z-3 | Occupational Safety and Health Administration](#)

APPROPRIATE ENGINEERING CONTROLS:

Engineering Measures

- During the use of this product on fires, exhaust gases and products of incomplete combustion are the main respiratory hazards.
- In the manufacture of this product, employers and employees must use their collective judgment in determining the on-the-job settings where the use of a dust mask or respirator is prudent. Use with adequate ventilation. If this product is used in a pressurized system, there should be local procedures for the selection, training, inspection, and maintenance of this equipment. When used in large volumes, use local exhaust ventilation.

Individual Protective Measures, e.g., Personal Protective Equipment:

- Use dust mask where dustiness is prevalent, or TLV is exceeded. In oxygen deficient atmospheres, use a self-contained breathing apparatus, as an air purifying respirator will not provide protection.

Requirement	Instruction	PPE
Eye Protection	Wear safety glasses with side shields or chemical goggles or full-face air-purifying respirator.	Eye Protection / Safety Glasses 
Skin Protection	Chemical resistant gloves, nitrile, latex or similar gloves and coveralls.	Protection of Hands / Protective Gloves 
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment. Wear N-95 dust mask for limited exposures and use air purifying respirator with high efficiency (HEPA) particulate filters for prolonged exposure	Respiratory Protection / Mask or respirator 
Hygiene Measures	Do not eat, drink, or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.	
Ventilation	Use local exhaust or general dilution ventilation to control exposure with applicable limits	

Environmental Exposure Controls:

- Not applicable

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES – EXTINGUISHING AGENT

Appearance	Yellow Powder, Solid
Molecular Weight	NH ₄ H ₂ PO ₄ (monoammonium phosphate) = 115.03
Odor	No odor warning properties
Odor Threshold	No information available
Decomposition Temperature °C /(°F)	190-200 / (374-392) Products of decomposition : gaseous ammonia (NH ₃) / Phosphoric acid (H ₃ PO ₄)



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Freezing Point	No information available
Boiling Point	No information available
Physical State	Crystalline powder
pH	Approximately 4.4-4.9
Flash Point °C / (°F)	None
Autoignition Temperature °C/°F	No information available
Boiling Point/Range °C/°F	Decomposes before boiling
Melting Point/Range °C/°F	NH ₄ H ₂ PO ₄ 190 / 374
Flammability Range (Vol% In Air):	Non-Flammable.
Density (at 20°C) : g/cm ³	1.0 – 1.05
Bulk Density (at 20°C) : g/cm ³	0.8-1.1
Explosive Properties	None
Oxidizing Properties	None
Volatile Component (%vol)	Not applicable
Evaporation rate	No information available
Vapor Density	No information available
Vapor Pressure	NH ₄ H ₂ PO ₄ 0.066 hPa (125 °C)
Specific Gravity 20°C/68°F	NH ₄ H ₂ PO ₄ 1.803 approx.
Water Solubility (g/l)	>90% after several hours (product is silicone coated, not immediately soluble)
Partition coefficient	Not applicable
Viscosity	No information available
Other Information:	Stability in Temperature: -60°C ~+60°C (-76°F to +140°F)

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES – PROPELLANT

Appearance	Colorless compressed gas in extinguisher
Odor	Odorless
Odor Threshold	No data available
pH	N/A
Specific Gravity (at 20°C)	0.0725lb/ft ³ as a vapor (0.00116 g/cm ³)
Boiling Point/Range °C/°F	-196 / -321
Melting Point/Range °C/°F	-210 / -346
Flash Point °C/°F	Non-flammable
Vapor Pressure °C/°F	838 psig at 21 / 70
Evaporation Rate (BuAc=1)	Not applicable
Water Solubility (g/l)	0.02
Vapor Density (Air = 1)	0.97
VOC (g/L) / (%)	Not applicable
Decomposition Temperature	No data available

SECTION 10 : STABILITY AND REACTIVITY

CHEMICAL STABILITY

- No special measures are necessary.



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- Stable under normal ambient storage and handling conditions.

REACTIVITY

- Reacts with incompatible materials.
- Pressurized containers may rupture or explode when exposed to heat of a fire.

CONDITIONS TO AVOID

- Extremes of temperature over +60°C (+140°F) / Humidity, incompatible materials

INCOMPATIBLE MATERIALS

- Strong oxidizing agents; Strong acids; sodium hypochlorite and chlorine compounds.
- Do not mix with other extinguishing agents, particularly potassium bicarbonate, sodium bicarbonate or potassium allopentate (Monnex)

HAZARDOUS DECOMPOSITION PRODUCTS

- This product may decompose in fire and release carbon monoxide, carbon dioxide, and ammonia and nitrogen.

HAZARDOUS POLYMERIZATION

- Does not occur.

HAZARDOUS REACTIONS

- None.

SECTION 11 : TOXICOLOGICAL INFORMATION

INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

Product Information

Inhalation:	Irritation, coughing
Eye Contact:	Irritation, perhaps severe.
Skin Contact:	May aggravate dermatitis. No indication that the product causes sensitization.
Ingestion:	Although not an expected route of entry, if ingested, may cause discomfort.
Nitrogen (propellant)	Simple asphyxiant. Exposure to high concentrations can cause suffocation by reducing the available oxygen. Breathing very high concentrations can cause dizziness, shortness of breath, unconsciousness, or asphyxiation.

ACUTE TOXICITY:

Relatively non-toxic.

CHRONIC TOXICITY:

- Short-term Exposure: None known.
- Long-term Exposure: As with all dusts, pneumoconiosis, or "dusty lung" disease, may result from chronic exposure.

TOXICITY DATA: HEALTH

	INGREDIENT				
	MONO-AMMONIUM PHOSPHATE	MICA	METHYL H POLYSILOXANE	AMORPHOUS SILICA	PIGMENT (YELLOW)
Acute toxicity (oral) LD-50	> 2,000 mg/kg (rat)	No available information	No available information	> 5,000 mg/kg (rat)	> 2,228 mg/kg (rat)
Acute toxicity (dermal) LD-50	> 5,000 mg/kg (rat)	No available information	No available information	> 2,000 mg/kg (rabbit)	> 3,000 mg/kg (rabbit)
Acute toxicity (inhalation) LC-50	No available information	No available information	No available information	No available information	> 4,250 mg/m3 (analytical)
Skin corrosion / irritation	No available information	No available information	No available information	No available information	No available information



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Serious eye damage / irritation	No available information	No available information	No available information	No available information	No available information
Respiratory or skin sensitization	No available information	No available information	No available information	No available information	No available information
Ingestion	No available information	No available information	No available information	No available information	No available information
Germ cell mutagenicity	No available information	No available information	No available information	No available information	No available information
Carcinogenicity	No available information	See note (1)	No available information	No available information	No available information
Reproductive toxicity	No available information	No available information	No available information	No available information	No available information
STOT-single exposure	Category 3 (see note 2)	No available information	No available information	No available information	No available information
STOT-repeated exposure	No available information	No available information	No available information	No available information	No available information
Aspiration hazard	No available information	No available information	No available information	No available information	No available information

- (1) Mica may contain small quantities of quartz (crystalline silica) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding the occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis. IARC has classified Silica Dust, Crystalline, in the form of quartz or cristobalite as 1 (carcinogenic to humans).
- (2) Target Organs and Effects: Respiratory system (mild irritant). may cause respiratory irritation.

SUSPECTED CANCER AGENT:

- Mica may contain small quantities of quartz (crystalline silica) as an impurity. Prolonged exposure to respirable crystalline silica dust at concentrations exceeding the occupational exposure limits may increase the risk of developing a disabling lung disease known as silicosis. IARC has classified Silica Dust, Crystalline, in the form of quartz or cristobalite as 1 (carcinogenic to humans). Reported in IARC as a Group 3 Compound (Human Inadequate Evidence: Animal Inadequate Evidence).

SECTION 12 : ECOLOGICAL INFORMATION

ECOTOXICITY

- Low Risk

MOBILITY IN SOIL

- Degrades rapidly in humid/wet environment. May leech into groundwater.
- ABC dry chemical powder contains mono-ammonium phosphate which is a soil fertilizer.
- Provides nutrient nitrogen and phosphorus to plant life.

PERSISTENCE/DEGRADABILITY

- The product is rapidly biodegradable in humid/wet environments.

BIOACCUMULATIVE POTENTIAL

- Unknown extent.

OTHER ADVERSE EFFECTS

- No other effects known at this time.

SECTION 13 : DISPOSABLE CONSIDERATIONS

DISPOSAL METHODS

- Safe Handling: Use appropriate PPE when handling and wash thoroughly after handling (see Section 8).
- This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).
- This material could become a hazardous waste if it mixed with or otherwise comes in contact with hazardous waste, if



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chemical additions are made to this material, or if the material is processed or otherwise altered.

- Consult 40 CFR 261 to determine whether the altered material is a hazardous waste.
- Consult the appropriate state, regional, or local regulations for additional requirements.

CONTAMINATED PACKAGING

- Do not reuse container.
- Dispose in accordance with federal, state, and local regulations.

SECTION 14 : TRANSPORT INFORMATION

- This product is not defined as a hazardous material under U.S. Department of Transportation 49 CFR 172, or by Transport Canada "Transportation of Dangerous Goods" regulations.
- Please Note: This material is not considered hazardous, when contained in a stored pressure fire extinguisher pressurized with a non-flammable gas, the extinguisher itself is considered a hazardous material by the U.S. Department of Transportation (USDOT) and Transport Canada (TC).
- The proper shipping name shall be Fire Extinguishers, and the UN Identification Number is UN 1044.
- When shipping via ground, portable fire extinguishers pressurized to less than 241 psi and of less than 1100 cubic inches (18L) in size meet the requirements of "Limited Quantity" as referenced in 49 CFR 173.309 (2010). There is no limited quantity designation for fire extinguishers when shipped by air or water.
- If in doubt, see <https://www.ecfr.gov/current/title-49/subtitle-B/chapter-I/subchapter-C>.
- Use Class 2.2, Non-Flammable Gas, when shipping via air and consult latest IATA and IMDG Regulations prior to shipping by air or water. See table below.
- This section is believed to be accurate at time of creation. It is not intended to be a complete statement or summary of all applicable laws, rules, or hazardous material regulations in place at time of shipping. Consult applicable regulations for latest requirements.

Transport	Proper Name	UN /ID	Class or Div	Classification Code	Symbols	Packing Group	Special Provisions	Excepted Quantities (EQ)	Emergency Procedures	Stowage and Handling
DOT	FIRE EXTINGUISHERS	1044	2		2.2	Not regulated				
ADR/ADN	FIRE EXTINGUISHERS	1044	2	6A	2.2	Not regulated	225, 594	E0		
IMDG	FIRE EXTINGUISHERS	1044	2.2		2.2	Not regulated	225	E0	F-C,S-V	Category A
IATA	FIRE EXTINGUISHERS	1044	2.2		2.2	Not regulated	A19	E0		

ADDITIONAL INFORMATION

- DOT Quantity limitations : On passenger aircraft/rail 75kg ; Cargo aircraft only 150kg
- ADR/ADN Excepted quantities (EQ) Code E0, not permitted as Excepted Quantity
- IMDG Limited quantities (LQ) 120ml
- IMDG Excepted quantities (EQ) Code E0, not permitted as Excepted Quantity
- IATA Limited quantities (LQ) Code E0, forbidden passenger aircraft (PAX)
- IATA Excepted quantities (EQ) Code E0, not permitted as Excepted Quantity

TRANSPORT LABELS

ADR/AND/IMDG/IATA



DOT





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SECTION 15 : REGULATORY INFORMATION

SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE

United States TSCA Inventory

- This product contains ingredients that are listed on or exempt from listing on the EPA (TSCA) 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

- Gas under pressure

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.

CERCLA

- This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to release of this material.

CLEAN WATER/CLEAN AIR ACTS

- This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42) or Clean Air Act, Section 112 Hazardous Air Pollutants (HAPS) (see 40 CFR 61) and Section 112 of the Clean Air Act Amendments of 1990.

STATE REGULATORY INFORMATION:

- Chemicals in this product are covered under the specific State regulations noted.

Alaska Designated Toxic and Hazardous Substances	None
California Permissible Exposure Limits for Chemical Contaminants	None
Florida Substance list	Mica dust
Illinois Toxic Substance List	No
Kansas Section 302/303 List	None
Massachusetts Substance list- Mica dust	Mica dust
Missouri Employer Information/Toxic Substance List	None
Minnesota List of Hazardous Substances	None
New Jersey Right to Know Hazardous Substance List	None
North Dakota List of Hazardous Chemicals, Reportable Quantities	None
Pennsylvania Hazardous Substance List	None
Rhode Island Hazardous Substance List	Mica dust



SAFETY DATA SHEET

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Texas Hazardous Substance List	No
West Virginia Hazardous Substance List	None
Wisconsin Toxic and Hazardous Substances	None
California Proposition (PROP) 65- No component is listed on the California Proposition 65 List	

CHEMICAL SAFETY ASSESSMENT:

- Chemical safety assessments for substances in this mixture were not conducted.

OTHER:

- Canada: WHMIS Hazard Class: No component listed.
- Mexico: Grade: No component listed.
- European risk and safety phrases:

EU CLASSIFICATION	Xi	Irritant
R Phrases	20	Harmful by inhalation.
	36/37	Irritating to eyes, respiratory system.
	38	Irritating to skin
S Phrases	22	Do not breathe dust
	24/25	Avoid contact with skin and eyes.
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	36/37/39	Wear suitable protective clothing, gloves, and eye/face protection.

SECTION 16 : OTHER INFORMATION

KEY LITERATURE REFERENCES AND SOURCES

NFPA RATINGS

USA National Fire Protection Agency (NFPA) Hazard Ratings and Hazardous Materials Identification System (HMIS) Ratings : (Scale of 0 to 4, with 0 = lowest increasing to 4 = highest hazard, refer to NFPA / HMIS for details related to the relative rating for each category).

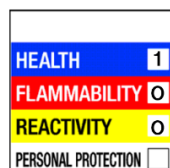
NFPA 704 RATINGS

Health 1
Flammability 0
Reactivity 0
Special Hazard None



HMIS RATINGS

Health 1
Flammability 0
Reactivity 0
Special Hazard None



- 4. Severe Hazard
- 3. Serious Hazard
- 2. Moderate Hazard
- 1. Slight Hazard
- 0. Minimal Hazard



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LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS No	Chemical Act Service Number
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFR	Code of Federal Regulations
DOT	U.S. Department of Transportation
D2B	WHMIS hazard class :material that may cause eye irritation, respiratory sensitization, or chronic toxicity.
EC50	Effect Concentration 50%
EC No	European Community number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	The International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
N/A	Denotes no applicable information found or available.
NFPA	National Fire Protection Agency
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
PNOC	Particulates not otherwise classified.
PROP	Proposition
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
WHMIS	The Workplace Hazardous Materials Information System

INFORMATION AND REFERENCES

DISCLAIMER :The information provided is given in good faith. The information and recommendations in this SDS are based on sources believed to be accurate. Victory Fire and Gas Inc. assumes no responsibility for accuracy or completeness of information provided. It is the user's responsibility to determine suitability or completeness of information.

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~~~~~**END OF SDS**~~~~~