



Revised edition no: 2  
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# SAFETY DATA SHEET

**VICTORY FIRE & GAS INC**  
1713 Lewis Street, Bay City, MI 48706  
Phone: +1 989.322.0856 Email: [info@victoryfiregas.com](mailto:info@victoryfiregas.com)

## SECTION 1 : IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

### PRODUCT IDENTIFIER:

# WET CHEMICAL EXTINGUISHER

### OTHER MEANS OF IDENTIFICATION:

MODEL NO. WC6L, WC2.5GL & OTHER VICTORY WET CHEMICAL FIRE EXTINGUISHERS.

### RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

Use Of Substance / Mixture: Fire Extinguishing Agent

### DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Supplier:	<b>VICTORY FIRE &amp; GAS INC</b>
Street:	1713 Lewis Street, Bay City, MI 48706
Postal Code/City:	Bay City, MI 48706
Country:	U.S.A
Telephone:	+1 989.322.0856 - 9am-5pm Aet Mon-Fri
E-Mail: Website:	<a href="http://www.victoryfiregas.com">Http://www.victoryfiregas.com</a>
Dept. Responsible For Information:	Compliance

**Emergency Contact Number: +1 989.322.0856**

## CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:


Classification according to the the globally harmonized System of Classification and Labeling of Chemicals (GHS) including Work, Health and Safety Regulations

Classified as dangerous - Gases under Pressure - compressed Gas

Classification according to the code for the Transport of Dangerous goods by road and rail

Classified as Dangerous Goods

## LABEL ELEMENTS:

<b>Hazard Pictograms</b>	
<b>Pictogram Code</b>	UN 1044 Class 2.2
<b>Signal word</b>	<b>warning</b>
<b>Hazard Statements</b>	
<b>Physical Hazards</b>	Contains gas under pressure; may explode if heated.
<b>Health Hazards</b>	
<b>Environmental Hazards</b>	
<b>Combinations</b>	
<b>Precautionary statements</b>	
<b>General</b>	
<b>Prevention</b>	
<b>Response</b>	
<b>Storage</b>	Protect from sunlight. Store in a well ventilated space.

## OTHER HAZARDS:

None.

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

### MIXTURE INGREDIENTS

Ingredient (Designation)	CAS No.	Concentration
Potassium acetate	127-08-2	<10%
Potassium citrate	6100-05-6	10-<30%
Others		<1%
Water (h <sub>2</sub> o)		>60%
Nitrogen	7727-37-9	not known, gas

## SECTION 4: FIRST AID MESURES

### DESCRIPTION OF FIRST AID MEASURES:

#### After inhalation

Seek medical attention.

#### After skin contact

Wash affected area with soap and water. If irritation persists, seek medical attention.

#### After eye contact

Wash with water for a minimum of 15 minutes. If irritation persists, seek medical attention.

#### After ingestion

Give plenty of water. Seek medical advice if necessary.

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### MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE, DELAYED AND AGGREVATED

None

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### INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

See above. If symptoms persist, seek medical attention.

## SECTION 5 : FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Product is an extinguishing media. use appropriate fire extinguisher for surrounding environment.

### SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No special hazards expected.

### ADVICE FOR FIRE FIGHTERS

In case of fire the product may be violently or explosively reactive. If safe to do so, remove containers from path of fire. Keep containers and fire-exposed surfaces cool with water spray. This product should be prevented from entering drains and watercourses.

#### Appropriate personal protective equipment for fire fighters:

Fire fighters should wear self-contained breathing apparatus (scba) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Avoid eye and skin contact.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear appropriate personal protective equipment and clothing to minimise exposure. avoid skin and eye contact.

### ENVIRONMENTAL PRECAUTIONS

If possible contain the spill.

### METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Spillage presents no hazard. Flush with water.

## SECTION 7 - HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

#### Advice on Safe Use of Product:

Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

#### Advice on Safe Handling:

Avoid inhalation of vapours and mists and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mist or vapours in the work atmosphere.

#### Environmental Precautions:

Prevent the build up of mist or vapours in the work atmosphere.

### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

#### Technical measures and storage conditions:

Always store in dry, cool area out of direct sunlight in original container with lid tightly closed.

## SECTION 7 - HANDLING AND STORAGE (CONTINUED)

### Requirements For Storage Rooms And Containers:

Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

### Suitable Container/Equipment Material:

No information available.

### Unsuitable Container/Equipment Material:

No information available. Information on combines storage: no information available.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

### CONTROL PARAMETERS / OCCUPATIONAL EXPOSURE LIMIT VALUES

According to the hazardous chemical information System (hcis), no exposure standards have been established for this mixture or its ingredients.

### EXPOSURE CONTROLS

#### Appropriate Engineering Controls:

Use with good general ventilation. If solids/dusts are produced, local exhaust ventilation should be used. Systems under pressure should be regularly checked for leakages.

#### Individual Protective Measures, E.G. Personal Protective Equipment:

The following recommendations should be considered although not needed: wear chemical goggles, chemical resistant gloves and dust mask.

#### Environmental Exposure Controls

No information available.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance Physical State: Colour:	Liquid Clear
Odour:	Neutral
Odour Threshold:	Odour Threshold Is Subjective And Inadequate To Warn For Overexposure.
Ph:	8.5
Melting Point (°C):	No Information Available
Boiling Point (°C):	No Information Available
Molar Mass:	No Information Available
Critical Temperature (°C):	No Information Available
Flash Point (°C):	No Information Available
Evaporation Rate (Ether=1):	No Information Available
Flammability Range (Vol% In Air):	Non Flammable.
Vapour Pressure (At 20°C):	No Information Available

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ( CONTINUED)

### INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Vapour Density:	No Information Available
Relative Density, Gas (Air=1):	No Information Available
Relative Density, Liquid (Water =1):	No Information Available
Solubility In Water:	Completely Soluble
Partition Coefficient N-Octanol/Water:	No Information Available
Viscosity At 20°C (Mpa.S):	No Information Available
Explosive Properties:	No Information Available
Molecular Weight:	No Information Available
Other Information:	Specific Gravity: ~1.17

## SECTION 10 - STABILITY AND REACTIVITY

### REACTIVITY

Reacts with incompatible materials.

### CHEMICAL STABILITY

No special measures are necessary. Stable under normal ambient storage and handling conditions.

### POSSIBILITY OF HAZARDOUS REACTIONS

No Information Available

### CONDITIONS TO AVOID

Not Known

### INCOMPATIBLE MATERIALS

None.

### HAZARDOUS DECOMPOSITION PRODUCTS

None.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### INFORMATION ON TOXICOLOGICAL EFFECTS

Toxicity Information This chemical formulation has not been tested for health effects.	
Acute toxicity:	This product has not been tested
Skin corrosion/irritation:	This product has not been tested
Serious eye damage/irritation:	This product has not been tested
Respiratory or skin sensitisation:	This product has not been tested

## SECTION 11 - TOXICOLOGICAL INFORMATION (CONTINUED)

Germ cell mutagenicity:	This product has not been tested
Carcinogenicity:	This product has not been tested
Reproductive toxicity:	This product has not been tested
Specific target organ toxicity (Stot) – single exposure:	This product has not been tested
Specific target organ toxicity (Stot) – repeated exposure:	This product has not been tested
Aspiration hazard:	This product has not been tested

### INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

Eye Contact:	Non Harmful
Skin Contact:	Non Harmful
Inhalation:	Negligible. Vapour Pressure At Ambient Temperature
Ingestion:	Not An Expected Route Of Entry, However, Ingestion May Cause Irritation.
Acute Overexposure:	See Above
Chronic Overexposure:	None

### EARLY ONSET SYMPTOMS RELATING TO EXPOSURE

No information available

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### DELAYED HEALTH EFFECTS FROM EXPOSURE

No information available

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### EXPOSURE LEVELS AND HEALTH EFFECTS

No information available

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### INTERACTIVE EFFECTS

No information available

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### OTHER INFORMATION

No information available.

## SECTION 12 - ECOLOGICAL INFORMATION

### ECOTOXICITY

no ecological data available for this mixture.

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### PERSISTENCE AND DEGRADABILITY

no information available.

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### BIOACCUMULATIVE POTENTIAL

no information available.

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### MOBILITY IN SOIL

no information available.

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### ENVIRONMENTAL PROTECTION

Prevent this material entering waterways, drains and sewers.

## SECTION 13 – DISPOSABLE CONSIDERATIONS

### DISPOSABLE METHODS

No harm to the environment is expected from this preparation. Dispose of waste according to applicable local and national regulations.

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### PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL OPTIONS

Not determined.

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### EFFECTS OF SEWAGE DISPOSAL

Not determined.


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### SPECIAL PRECAUTIONS FOR INCINERATION OR LANDFILL

No information available.



# SECTION 14 - TRANSPORT INFORMATION

Labelling Adg, Imo/Imdg, Icao/Iata	<div style="text-align: center;">  <p>2.2 Non Flammable, Non Toxic Gas</p> </div>
<b>Road And Rail Transport (Adg Code)</b>	
Classification:	Extinguisher considered a hazardous material by the U.S. Department of Transportation (USDOT) and Transport Canada (TC). The proper shipping name shall be Fire Extinguisher and the UN Identification Number is UN 1044. The USDOT hazard class is Limited Quantity when pressurized to less than 241 psig and when shipped via highway or rail. Use Class 2.2, Non- Flammable Gas, when shipping via air.
Un number	1044
Proper shipping name:	Fire extinguishers with compressed or liquefied gas
Transport hazard class/division:	2.2
Packing group:	N/a
Hazchem - emergency action code	No hazchem code issued to these articles. No hin issued under rid and adr.
Special provisions:	225
Limited quantities:	120ml
Packing instruction:	P003
Special packing provisions:	Pp91
Placard load Incompatabilities:	<p>Division 1 - explosives</p> <p>Division 2.1 - flammable gases when the division 2,2 gas has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500l capacity.</p> <p>Division 2.3 toxic gases when the division 2,2 gas has a subsidiary risk 5.1 except when all are packed in cylinders or pressure drums not exceeding 500l capacity.</p> <p>Division 4.2 - Spontaneously combustible Substances Division 5.2 - organic Peroxides</p>

## SECTION 14 - TRANSPORT INFORMATION (CONTINUED)

Marine Transport (Imo/Imdg)	
Classification:	Classified as dangerous goods by the criteria of the international maritime dangerous goods code (imdg code) for transport by sea.
Un number:	1044
Proper shipping name:	Fire extinguishers with compressed or liquefied gas
Division:	2.2
Environmental hazards for transport Purposes:	Not a known pollutant according to the international maritime dangerous Goods (imdg) code. Substance is not classified as having an acute aquatic toxicity hazard.
Emergency Schedule (ems) - fire:	F-c
Emergency Schedule (ems) - Spillage:	S-V
Special provisions:	225
Air Transport (Icao/Iata)	
Classification:	Classified as dangerous goods by the criteria of the international air transport association (iata) dangerous goods regulations for transport by air.
Un number:	1044
Proper shipping name:	Fire extinguishers with compressed or liquefied gas
Division:	2.2
Packing instruction (cargo aircraft only):	213
Packing instruction (Passanger and cargo aircraft):	Restricted.
Special provisions:	A19

### SPECIAL PRECAUTIONS FOR USER

Not Available.

## SECTION 15 - REGULATORY INFORMATION

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

Classified as hazardous according to the Globally harmonised System of classification and labelling of chemicals (GHS) including Work, health and Safety regulations. Not classified as a Scheduled Poison according to the Standard for the uniform Scheduling of medicines and Poisons (SUSMP).

All components of this product are listed on the Australian inventory of chemical Substances (aics) or exempted

Chemical Safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

International Inventory Status: Some ingredients are on the following inventories

Country	Agency
U.S.A.	TSCA
Canada	DSL
Europe	EINECS/ELINCS
Australia	AICS
Japan	MITI
South Korea	KECL

#### U.S. Federal Regulatory Information:

None of the chemicals in this product are under SARA reporting requirements or have SARA Threshold Planning Quantities or CERCLA Reportable Quantities.

#### 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- None
- Illinois Toxic Substance List- None
- Kansas Section 302/303 List- None
- Massachusetts Substance list- None
- Minnesota List of Hazardous Substances- None
- Missouri Employer Information/Toxic Substance List- 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- None
- Texas Hazardous Substance List- No
- West Virginia Hazardous Substance List- None
- Wisconsin Toxic and Hazardous Substances- None
- California Proposition 65- No component is listed on the California Proposition 65 List

## SECTION 16 - OTHER INFORMATION

### KEY LITERATURE REFERENCES AND SOURCES

Classification in accordance with the Globally harmonized System of classification and labeling of chemicals (GHS) including Work, health and Safety regulations

National code of Practice for the Preparation of material Safety data Sheets 2nd edition [nohsc:2011(2003)].

This Safety data Sheet where necessary has been established in accordance with the applicable European union legislation Standard for the uniform Scheduling of medicines and Poisons.

Model Work health and Safety regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. International air transport association (IATA) dangerous Goods regulations for transport by air.

Workplace exposure standards for airborne contaminants, International maritime dangerous Goods code (IMDG code) for transport by sea.

### DISCLAIMER

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Please refer to our internet website for more information: [www.zxfire.net](http://www.zxfire.net), For contact information please go to page 1 of this SDS.

### END OF SDS.