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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

SECTION 1 : IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

PRODUCT IDENTIFIER:

VICTORY WET CHEMICAL

OTHER MEANS OF IDENTIFICATION:

VICTORY WET CHEMICAL AGENT FOR CO2 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:	VICTORY FIRE & GAS INC
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:	Http://www.victoryfiregas.com
Dept. Responsible For Information:	Compliance

Emergency Contact Number: +1 989.322.0856

SECTION 2 : HAZARD(S) IDENTIFICATION

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

LABEL ELEMENTS:

Hazard Pictograms	Not Classified as Hazardous
Pictogram Code	Not Classified as Hazardous
Signal word	Not Classified as Hazardous
Hazard Statements	
Physical Hazards	Not Classified as Hazardous
Health Hazards	Not Classified as Hazardous
Environmental Hazards	Not Classified as Hazardous
Combinations	Not Classified as Hazardous
Precautionary Statements	
General	Not Classified as Hazardous
Prevention	Not Classified as Hazardous
Response	Not Classified as Hazardous
Storage	Not Classified as Hazardous

OTHER HAZARDS:

Possible electrocution hazard if used in electrically energized equipment.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURE INGREDIENTS

Ingredient (Designation)	CAS No.	Concentration	Classification According To The Globally Harmonised System Of Classification And Labelling Of Chemicals (GHS)
Potassium Acetate	7783-28-0	<10%	The substance has not been classified according to the Globally harmonized System (GHS).
Potassium Citrate	6100-05-6	<30%	The substance has not been classified according to the Globally harmonized System (GHS).
Inhibit		<1%	
Water		>60%	The substance has not been classified according to the Globally harmonized System (GHS).

SECTION 4: FIRST AID MESURES

DESCRIPTION OF FIRST AID MEASURES:

After inhalation

Move away from radius of action. Consult a doctor immediately or 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. Seek medical advice if symptoms persist.

After Ingestion

Give plenty of water to drink. Seek medical advice if necessary.

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

None

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

None

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

Appropriate personal protective equipment for fire fighters:

N/A

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

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

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

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 skin or eye contact. Keep containers sealed when not in use. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Environmental Precautions:

Ensure that storage conditions comply with applicable local and national regulations.

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.

Requirements For Storage Rooms And Containers:

Store in suitable, labeled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations. Do not allow any part of a cylinder to be exposed above 60C. Storage areas should be keep clean and free from flammable materials. Ensure that containers are properly vented to prevent build up pressure. 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

No exposure standards have been established for this mixture or its ingredients.

EXPOSURE CONTROLS

Appropriate Engineering Controls:

No information available.

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

PPE is not needed, however, final choice of appropriate protective equipment will vary according to individual circumstances. ensure that references are made to any applicable standards.

Environmental Exposure Controls

Store concentrate according to local state or national regulations.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State:	Liquid
Colour:	Clear
Odour:	No Odour warning properties
Ph:	10.50+/-1.00
Boiling Point (°C):	>100°C
Density (at 20°C) : g/cm ³	1.13-1.16
Kinematic Viscosity(at 20°C)	2.26mm ² /s
Solidification Point	0°C
Water Solubility (g/l)	100%
Flammability Range (Vol% In Air):	Non Flammable.

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Other Information:

Stability in Temperature: 0°C ~+60°C

SECTION 10 - STABILITY AND REACTIVITY

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

Extremes of temperature over 60 °C

INCOMPATIBLE MATERIALS

None.

HAZARDOUS DECOMPOSITION PRODUCTS

None

SECTION 11 - TOXICOLOGICAL INFORMATION

INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

Eye Contact:	Not found to be toxic by oral exposure as defined by OSHA.
Skin Contact:	Not expected to be toxic by dermal exposure as defined by OSHA.
Inhalation:	Negligible, Vapor pressure at ambient temperature considered.
Ingestion:	Not an expected route of entry, however, ingestion may cause irritation.

SECTION 12 - ECOLOGICAL INFORMATION

INFORMATION ON ELIMINATION:

The product is very well bio-degradable.

ENVIRONMENTAL PROTECTION

Contains no heavy metal salts.

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.

UNCLEANED PACKAGING

Disposal according to official 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 a "Transportation of Dangerous Goods" regulations.

Please Note: Although this material is not considered hazardous, when contained in a stored pressure fire extinguisher pressurized with a nonflammable 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 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, NonFlammable Gas, when shipping via air.

Labeling Adg, lmo/lmdg, lcao/lata	NOT Hazardous
Road And Rail Transport (Adg Code)	
Classification:	Not classified as dangerous Goods by the criteria of the international maritime dangerous Goods code (IMDG code) for transport by sea.
Un number	Not applicable
Proper shipping name:	Not applicable
Transport hazard class/division:	Not applicable
Packing group:	Not applicable
Hazchem - emergency action code	No hazchem code issued to these articles.
Special provisions:	Not applicable
Limited quantities:	Not applicable
Marine Transport (lmo/lmdg)	
Classification:	Not classified as dangerous Goods by the criteria of the international air transport association (IATA) dangerous Goods regulations for transport by air.
Un number:	Not applicable
Proper shipping name:	Not applicable
Division:	Not applicable
Environmental hazards for transport Purposes:	Not applicable
Emergency Schedule (ems) - fire:	Not applicable
Emergency Schedule (ems) - Spillage:	Not applicable
Special provisions:	Not applicable

SECTION 15 - REGULATORY INFORMATION

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

NOT Classified as hazardous according to the Globally Harmonized System of classification and labeling 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).

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

CHEMICAL SAFETY ASSESSMENT:

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

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

The information is based on the best knowledge of ZX-VICTORY and its advisors and is given in good faith, but we cannot guarantee its accuracy, reliability or completeness and therefore disclaim any liability for loss or damage arising out of use of this data. Since conditions of use are outside the control of the company and its advisors we disclaim any liability for loss or damage when the product is used for purposes other than it is intended.

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

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