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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:

ABC DRY CHEMICAL EXTINGUISHER

OTHER MEANS OF IDENTIFICATION:

MODEL NO. PD2.5LB(-AL); PD5LB(-AL,-H,-ALH), PD10LB(-AL), PD20LB(-AL)
AND OTHER DRY CHEMICAL POWDER EXTINGUISHERS

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES AS 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

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:

Hazard Pictograms	
Pictogram Code	UN 1044 Class 2.2
Signal word	warning
Hazard Statements	
Physical Hazards	Contains gas under pressure; may explode if heated.
Health Hazards	
Environmental Hazards	
Combinations	
Precautionary statements	
General	
Prevention	
Response	
Storage	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
Mono Ammonium Phosphate	7722-76-1	20-90%
Ammonium Sulphate	7783-20-2	5-60%
Silica Gel	112926-00-8	<0.3%
Nitrogen	7727-37-9	not known, gas

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

After inhalation

Remove from exposure, if irritation persists, 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

If patient is conscious, Give plenty of water including vomiting. Seek medical advice if necessary.

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

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

Ammonia and/or phosphorous oxides can be evolved at very high temperatures. Exposure to fire may cause container to rupture/explode.

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 (SCUBA) and full protective clothing to prevent exposure to vapors, fumes or products of combustion. Avoid eye and skin contact.

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

If possible contain the spill. Sweep or vacuum up contents and place in sealed labeled container or disposal.

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 dust and skin or eye contact. Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of dust in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

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, 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 50C. Storage areas should be kept 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:

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	Powder
Physical State:	Solid
Colour:	Blue, Yellow
Odour:	No Odour warning properties
Odour Threshold:	Odour Threshold Is Subjective And Inadequate To Warn For Overexposure.
Ph:	No Information Available
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:	No Information Available
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:	Stability in Temperature: -45°C ~+60°C

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

Extremes of temperature and direct sunlight

INCOMPATIBLE MATERIALS

None.

HAZARDOUS DECOMPOSITION PRODUCTS

Ammonia and or Phosphorous oxides can be evolved at very high temperature.

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:	May be mildly irritating for short periods of time
Skin Contact:	May be mildly irritating
Inhalation:	Treat as mineral dust, Irritant to the respiratory tract. Transient cough and shortness of breath may occur.
Ingestion:	Not an expected route of entry, however, ingestion may cause irritation.
Acute Overexposure:	See Above
Chronic Overexposure:	Chronic fibrosis of the lung, pneumoconiosis.

EARLY ONSET SYMPTOMS RELATING TO EXPOSURE

No information available

DELAYED HEALTH EFFECTS FROM EXPOSURE

No information available

EXPOSURE LEVELS AND HEALTH EFFECTS

No information available

INTERACTIVE EFFECTS

No information available

OTHER INFORMATION

No information available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

Not determined

PERSISTENCE AND DEGRADABILITY

Not determined

BIOACCUMULATIVE POTENTIAL

Not determined

MOBILITY IN SOIL

Not determined

ENVIRONMENTAL PROTECTION

Prevent these 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.

PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL OPTIONS

Not determined.


EFFECTS OF SEWAGE DISPOSAL

Not determined.

SPECIAL PRECAUTIONS FOR INCINERATION OR LANDFILL

No information available.

SECTION 14 - TRANSPORT INFORMATION

Labeling Adg, lmo/lmdg, lcao/lata	 <p>2.2 Non Flammable, Non Toxic Gas</p>
Road And Rail Transport (Adg Code)	
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:	N/A
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</p> <p>Division 5.2 - organic Peroxides</p>

SECTION 14 - TRANSPORT INFORMATION (CONTINUED)

The 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.

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
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 (Passenger 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 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).

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

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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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