



Safety Data Sheet

This safety data sheet complies with the requirements of: WHIMS 2015

Product name PYRO-CHEM® ABC Multipurpose Dry Chemical Stored Pressure Extinguisher

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product name PYRO-CHEM® ABC Multipurpose Dry Chemical Stored Pressure Extinguisher

Other means of identification

Product code 552921

UN/ID no UN1044

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use No information available

Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Initial Supplier Identifier

Johnson Controls Inc.
Canadian Distribution Centre
20 Delta Park Blvd
Brampton ON L6T 5E7
Telephone: 1-888-888-7838

Emergency Telephone Number

Emergency telephone CHEMTREC 001-800-424-9300 or 001-703-527-3887

2. Hazards Identification

Classification

Gases under pressure	Compressed Gas
Simple asphyxiants	Category 1

Label Elements

WARNING

Contains gas under pressure; may explode if heated
May displace oxygen and cause rapid suffocation

**Precautionary Statements - Storage**

Protect from sunlight. Store in a well-ventilated place

OTHER INFORMATION**3. Composition/information on Ingredients****Substance**

Not Applicable.

Mixture

Chemical name	CAS No.	weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Attapulgit	12174-11-7	0 - 10%	-	-
Calcium carbonate	471-34-1	0 - 10%	-	-

4. First aid measures**Description of first aid measures**

General advice	IF exposed or concerned: Get medical advice/attention.
Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms	No information available.
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Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special protective equipment for fire-fighters Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Personal precautions Ensure adequate ventilation.

Other Information Refer to protective measures listed in Sections 7 and 8.

Environmental Precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and Storage**Precautions for Safe Handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure Limits

Chemical name	Alberta	British Columbia	Ontario TWA	Quebec
Attapulgit 12174-11-7		TWA: 1.0 mg/m ³	TWA: 1 mg/m ³	TWA: 1 fibre/cm ³
Calcium carbonate 471-34-1	TWA: 10 mg/m ³			TWA: 10 mg/m ³

OTHER INFORMATION None known.

Appropriate Engineering Controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection No special protective equipment required.

Hand protection Wear suitable gloves.

Skin and body protection Wear suitable protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State powder
Appearance No data available
Color Yellow
Odor odorless
Odor Threshold No data available

Property	Values	Remarks • Method
pH	No data available	No data available
Melting point/freezing point	No data available	No data available
Boiling point / boiling range	No data available	No data available

Flash Point	No data available	No data available
Evaporation Rate	No data available	No data available
Flammability (solid, gas)		No data available
Flammability limit in air		No data available
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor Pressure	No data available	No data available
Vapor Density	No data available	No data available
Relative Density		No data available
Water Solubility	No data available	No data available
Solubility in Other Solvents	No data available	No data available
Partition coefficient	No data available	No data available
Autoignition Temperature	No data available	No data available
Decomposition Temperature	No data available	No data available
Kinematic viscosity	No data available	No data available
Dynamic viscosity	No data available	No data available
Explosive properties	No data available.	
Oxidizing properties	No data available.	

OTHER INFORMATION

softening point	No data available
Molecular Weight	No data available
VOC content (%)	No data available
Density	No data available
Bulk Density	No data available

10. Stability and Reactivity

Reactivity	No information available.
Chemical Stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to Avoid	None known based on information supplied.
Incompatible Materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

11. Toxicological Information

Information on Likely Routes of Exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Information on Toxicological Effects

Symptoms

No information available.

Numerical Measures of Toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (dermal) 8,156.35 mg/kg

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium carbonate 471-34-1	= 6450 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity

Attapulgit (palygorskite fibers) is a hydrated magnesium aluminum silicate. Long palygorskite (attapulgit) fibers (>5 micrometers) are possibly carcinogenic to humans (Group 2B). Short palygorskite (attapulgit) fibers (<5 micrometers) cannot be classified as to their carcinogenicity to humans (Group 3). The attapulgit present in this product contains fibers 0.5-2.5 um range, so would be considered by IARC as Group 3. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

Chemical name	ACGIH	IARC	NTP	OSHA
Attapulgit 12174-11-7	-	Group 3	-	X

IARC (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity

No information available.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Target organ effects

Eyes, Respiratory System, Skin.

Aspiration hazard

No information available.

12. Ecological Information

Ecotoxicity	.
Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Other Adverse Effects	No information available.

13. Disposal Considerations

Waste Treatment Methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

14. Transport Information

TDG

UN/ID no	UN1044
Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Description	UN1044, Fire extinguishers, 2.2

MEX

UN/ID no	UN1044
Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Description	UN1044, Fire extinguishers, 2.2

ICAO (air)

UN/ID no	UN1044
Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Special Provisions	A19
Description	UN1044, Fire extinguishers, 2.2

IATA

UN/ID no	UN1044
Hazard class	2.2
ERG Code	2L
Special Provisions	A19
Description	UN1044, Fire extinguishers, 2.2

IMDG

UN/ID no	UN1044
Hazard class	2.2
EmS-No	F-C, S-V
Special Provisions	225
Description	UN1044, Fire extinguishers, 2.2

RID

UN/ID no	UN1044
Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Classification Code	6A
Description	UN1044, Fire extinguishers, 2.2

ADR

UN/ID no	UN1044
Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Classification Code	6A
Tunnel restriction code	(E)
Special Provisions	225, 594
Description	UN1044, Fire extinguishers, 2.2, (E)
Labels	2.2

ADN

Proper Shipping Name	Fire extinguishers
Hazard class	2.2
Classification Code	6A
Special Provisions	225, 594
Description	UN1044, Fire extinguishers, 2.2
Hazard label(s)	2.2
Limited Quantity (LQ)	120 ml

15. Regulatory Information

REGULATORY INFORMATION

International regulations

Ozone-depleting substances (ODS) Not Applicable

Persistent Organic Pollutants Not Applicable

Export Notification requirements Not Applicable

International Inventories

TSCA	Complies
DSL/NDL	Complies
ENCS	Does not comply
IECSC	Complies
KECL	Does not comply
PICCS	Complies
AICS	Complies

Legend:**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List**ENCS** - Japan Existing and New Chemical Substances**IECSC** - China Inventory of Existing Chemical Substances**KECL** - Korean Existing and Evaluated Chemical Substances**PICCS** - Philippines Inventory of Chemicals and Chemical Substances**AICS** - Australian Inventory of Chemical Substances**16. Other information, including date of preparation of the last revision**

NFPA	Health Hazards 0	Flammability 0	Instability 0	Physical and chemical properties -
HMIS	Health Hazards 0	Flammability 0	Physical Hazards 3	Personal Protection X

Revision date 15-Feb-2019**Revision note** No information available.**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet