



Safety Data Sheet

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

Product name Purple-K Dry Chemical Stored Pressure Extinguisher

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

Product Identifier

Product name Purple-K Dry Chemical Stored Pressure Extinguisher

Other means of identification

Product code 434276

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



Product code 434276

/ Product name Purple-K Dry
Chemical Stored Pressure
Extinguisher

PAGE 2 / 9



Precautionary Statements - Storage

Protect from sunlight. Store in a well-ventilated place

OTHER INFORMATION

May be harmful if swallowed

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)
Attapulgate	12174-11-7	0 - 10%	-	-
Mica	12001-26-2	0 - 10%	-	-
Quartz	14808-60-7	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.



Product code 434276

/ **Product name** Purple-K Dry
Chemical Stored Pressure
Extinguisher

PAGE 3 / 9

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms No information available.

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



Product code 434276

/ **Product name** Purple-K Dry
Chemical Stored Pressure
Extinguisher

PAGE 4 / 9

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
Attapulgate 12174-11-7		TWA: 1.0 mg/m ³	TWA: 1 mg/m ³	TWA: 1 fibre/cm ³
Mica 12001-26-2	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³	TWA: 3 mg/m ³
Quartz 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.025 mg/m ³	TWA: 0.10 mg/m ³	TWA: 0.1 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 Violet
Odor odorless
Odor Threshold No data available



Product code 434276

/ **Product name** Purple-K Dry /
Chemical Stored Pressure
Extinguisher

PAGE 5 / 9

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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.	
<u>OTHER INFORMATION</u>		
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.
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Product code 434276

/ **Product name** Purple-K Dry
Chemical Stored Pressure
Extinguisher

PAGE 6 / 9

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

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 Attapulgite (palygorskite fibers) is a hydrated magnesium aluminum silicate. Long palygorskite (attapulgite) fibers (>5 micrometers) are possibly carcinogenic to humans (Group 2B). Short palygorskite (attapulgite) fibers (<5 micrometers) cannot be classified as to their carcinogenicity to humans (Group 3). The attapulgite present in this product contains fibers 0.5-2.5 um range, so would be considered by IARC as Group 3.

Chemical name	ACGIH	IARC	NTP	OSHA
Attapulgite 12174-11-7	-	Group 3	-	X
Quartz 14808-60-7	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

IARC (International Agency for Research on Cancer)

Not classifiable as a human carcinogen

Group 1 - Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

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.



Product code 434276

/ **Product name** Purple-K Dry
Chemical Stored Pressure
Extinguisher /

PAGE 7 / 9

Target organ effects Respiratory System.
Aspiration hazard No information available.

12. Ecological Information

Ecotoxicity The environmental impact of this product has not been fully investigated.
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



Product code 434276

/ **Product name** Purple-K Dry
Chemical Stored Pressure
Extinguisher /

PAGE 8 / 9

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/NDSL Complies
ENCS Does not comply
IECSC Complies
KECL Does not comply



Product code 434276

/ Product name Purple-K Dry
Chemical Stored Pressure
Extinguisher /

PAGE 9 / 9

PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - 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 25-Jun-2018

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