



Safety Data Sheet

This safety data sheet complies with the requirements of: WHS regulation 2011

Product name Purple-K Dry Chemical

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product name Purple-K Dry Chemical
Product code 009335

1.2. Relevant identified uses of the substance or mixture and uses advised against

Sold to the general public No
Recommended use Fire extinguishing agent
Uses advised against Consumer use

1.3. Details of the supplier of the safety data sheet

Supplier Tyco Fire Protection Products
Level 3, 95 Coventry Street,
Southbank, Australia-Victoria 3006
+613 9313 9711

For further information, please contact

E-mail address psra@tycofp.com

1.4. Emergency telephone number

Emergency Telephone Number 612 9037 2994 (Australia)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

2.2. Label Elements

Product Identifier

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]

Signal Word

None

EUH210 - Safety data sheet available on request

2.3. Other Hazards

No information available

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Chemical name	CAS No	weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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Mica	12001-26-2	< 10%	no data available
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Full text of H- and EUH-phrases: see section 16

Section 4: First aid measures

4.1. Description of first aid measures

Inhalation	If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.
Skin contact	Wash skin with soap and water. Get medical attention if irritation develops and persists.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Ingestion	If swallowed. Call a POISON CENTRE or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms None known.

4.3. Indication of any immediate medical attention and special treatment needed

Note to doctors Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Product is extinguishing agent. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

None

5.2. Special hazards arising from the substance or mixture

None in particular

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Provide adequate ventilation. Avoid creating dust. Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions



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Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Stop leak if you can do it without risk. If sweeping of a contaminated area is necessary use a dust suppressing agent which does not react with product. Dyke far ahead of spill; use dry sand to contain the flow of material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

Methods for Cleaning Up

Following product recovery, flush area with water.

6.4. Reference to other sections

See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid generation of dust. Do not breathe dust/fume/gas/mist/vapours/spray. Use with local exhaust ventilation. Use personal protective equipment as required. Wash thoroughly after handling.

General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Guard against dust accumulation of material. Use care in handling/storage.

7.3. Specific end use(s)

Specific Use(s)

Fire extinguishing agent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	Australia
Mica 12001-26-2	2.5 mg/m ³

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available.



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8.2. Exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection Wear safety glasses with side shields (or goggles).

Skin and Body Protection Suitable protective clothing.

Environmental exposure controls No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	powder	Colour	Violet
Odour	Characteristic		
odour threshold	No data available		

<u>Property</u>	<u>VALUES</u>	<u>Remarks • Method</u>
pH		No data available
Melting point/freezing point		No data available
Boiling point / boiling range		No data available
Flash Point		No data available
Evaporation Rate		No data available
flammability (solid, gas)		No data available
Flammability limit in air		
Upper flammability limit:		No data available
Lower flammability limit:		No data available
Vapour Pressure		No data available
Vapour Density		No data available
Specific gravity		No data available
Water Solubility		No data available
solubility(ies)		No data available
Partition coefficient		No data available
Autoignition Temperature		No data available
Decomposition Temperature		No data available
Kinematic viscosity		No data available
Dynamic viscosity		No data available
Explosive Properties	No data available	
Oxidising Properties	No data available	

Section 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

hazardous polymerisation

Hazardous polymerisation does not occur.



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Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute Toxicity

Product information

INHALATION

May cause irritation of respiratory tract.

Eye Contact

May cause irritation.

Skin contact

May cause irritation.

INGESTION

Ingestion may cause irritation to mucous membranes.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Potassium bicarbonate	> 2000 mg/kg (rat)		

Skin Corrosion/Irritation No information available.

Serious eye damage/eye irritation No information available.

sensitisation No information available.

Germ Cell Mutagenicity No information available.

carcinogenicity No information available.

Reproductive Toxicity No information available.

STOT - Single Exposure No information available.

STOT - Repeated Exposure No information available.

Aspiration Hazard No information available.

Section 12: Ecological information

12.1. Toxicity



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12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste from Residues/Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not re-use container.

Section 14: Transport information

Note: No information available

IMDG

14.1 UN/ID no NOT REGULATED
14.2 Proper Shipping Name NOT REGULATED
14.3 Hazard class NOT REGULATED
14.4 Packing group NOT REGULATED
14.5 Marine Pollutant Not Applicable
14.6 Special Provisions None
14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC CODE No information available

RID

14.1 UN/ID no NOT REGULATED
14.2 Proper Shipping Name NOT REGULATED
14.3 Hazard class NOT REGULATED
14.4 Packing group NOT REGULATED
14.5 Environmental Hazard Not Applicable
14.6 Special Provisions None

ADR

14.1 UN/ID no NOT REGULATED
14.2 Proper Shipping Name NOT REGULATED
14.3 Hazard class NOT REGULATED



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14.4 Packing group NOT REGULATED
14.5 Environmental Hazard Not Applicable
14.6 Special Provisions None

ICAO (air)

14.1 UN/ID no NOT REGULATED
14.2 Proper Shipping Name NOT REGULATED
14.3 Hazard class NOT REGULATED
14.4 Packing group NOT REGULATED
14.5 Environmental Hazard Not Applicable
14.6 Special Provisions None

IATA

14.1 UN/ID no NOT REGULATED
14.2 Proper Shipping Name NOT REGULATED
14.3 Hazard class NOT REGULATED
14.4 Packing group NOT REGULATED
14.5 Environmental Hazard Not Applicable
14.6 Special Provisions None

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

Australia

See section 8 for national exposure control parameters

carcinogenicity

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
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
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
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

15.2. Chemical safety assessment

No information available



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SECTION 16: Other information

Revision date 18-Nov-2016

Revision note Not Applicable.

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End of Safety Data Sheet