

SAFETY DATA SHEET

CHUBB ABE DRY CHEMICAL POWDER FIRE EXTINGUISHER

Infosafe No.: LQ2FQ
ISSUED Date : 17/05/2021
ISSUED by: CHUBB FIRE & SECURITY

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

1.1. Product identifier

CHUBB ABE DRY CHEMICAL POWDER FIRE EXTINGUISHER

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

Fire Extinguishing Agent · Fire Fighting

1.3. Details of the supplier of the safety data sheet

Company name

CHUBB FIRE & SECURITY

Address

314 Boundary Rd Dingley
VIC 3172 AUSTRALIA

Telephone/fax number

Tel: 1300 369 309

1.4. Emergency telephone number

1300 369 309

Other names

Name
24/7 ABE DRY CHEMICAL POWDER EXTINGUISHER
CHUBB ABE40 DRY CHEMICAL POWDER FIRE EXTINGUISHER
FLAMEGUARD R ABE DRY CHEMICAL POWDER FIRE EXTINGUISHER
QUELL ABE DRY CHEMICAL POWDER EXTINGUISHER

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation 1272/2008

Gases under Pressure: Compressed Gas

Hazard statement (s)

H280 Contains gas under pressure; may explode if heated.

2.2. label elements

Pictogram (s)

Gas cylinder



Signal word

WARNING

Hazard statement (s)

H280 Contains gas under pressure; may explode if heated.

Precautionary statement – prevention

Not Applicable

Precautionary statement – response

Not Applicable

Precautionary statement – storage

P410+P403 Protect from sunlight. Store in a well-ventilated place.

Precautionary statement – disposal

Not Applicable

2.3. Other Hazards

No information provided.

SECTION 3: Composition/information on ingredients**Ingredients**

Name	CAS	Proportion	Hazard Statement (s)
Mica	12001-26-2	<10 %	
Nitrogen	7727-37-9	<2 %	
Non Hazardous Ingredients	N/A	Remainder	

Other information

MICA

EC Number: 601-648-2

NITROGEN

EC Number: 231-783-9

NON HAZARDOUS INGREDIENTS

EC Number: Not Available

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

Eye

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Ingestion

For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

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

See Section 11(Toxicological Information) for more detailed information on health effects and symptoms.

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

Treat symptomatically.

First aid facilities

Eye wash facilities should be available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing agent.

5.2. Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases (phosphorus/ nitrogen oxides, ammonia) when heated to decomposition.

5.3. Advice for firefighters

No fire or explosion hazard exists.

Decomposition temperature

NOT AVAILABLE

Other information

Hazchem code

2 Fine Water Spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment(PPE) as detailed in section 8(Exposure Controls/Personal Protection) of the SDS. Clear area of all unprotected personnel. Contact emergency services where appropriate.

6.2. Environmental precautions

Prevent product from entering drains and waterways.

6.3. Methods and material for containment and cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite,sand, or similar), collect and place in suitable containers for disposal.

6.4. Reference to other sections

See Sections 8(Exposure Controls/Personal Protection) and 13(Disposal Considerations) for exposure controls and disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation.Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

7.2. conditions for safe storage, including any incompatibilities

Store in an area designated for fire extinguishers.Signs should indicate fire extinguisher location. Extinguishers should be kept cool and dry and should not come into contact with any chemicals. Check regularly to ensure extinguishers are in good working order. Store below 50°C.

7.3. Specific end use(s)

No information provided.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure standards

Mica

Reference: SWA [AUS]

TWA: 2.5 mg/m³

Nitrogen

Reference: SWA [AUS]

Asphyxiant

Biological limit values

No biological limit values have been entered for this product.

8.2. Exposure controls**Appropriate engineering controls**

Avoid inhalation. Use in well ventilated areas. In a fire situation, ventilation may be difficult to control. Contact emergency personnel.

Respiratory protection

At high dust levels, wear a Class P1 (Particulate) respirator.

Hand protection

Wear PVC or rubber gloves.

Eye/Face protection

Wear dust-proof goggles.

Body protection

Not required under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. information on basic physical and chemical properties**Appearance**

GREY OR PEACH POWDER

Form

Powder

Odour

Odourless

Odour threshold

Not available

pH Value

Not available

Vapour pressure

Not available

Boiling Point and boiling range

Not available

Melting point

>100°C

Solubility in water

SLIGHTLY SOLUBLE

Specific gravity (H₂O=1)

Not available

Flash point

Not relevant

Explosion limit - upper

NOT RELEVANT

Explosion limit - lower

NOT RELEVANT

Flammability

NON FLAMMABLE

Auto-ignition temperature

NOT AVAILABLE

Decomposition temperature

NOT AVAILABLE

Explosion properties

NOT AVAILABLE

Oxidising properties

NOT AVAILABLE

Viscosity

Not available

Evaporation rate

Not available

Vapour density (Air=1)

Not available

Partition coefficient: n-octanol/water

Not available

SECTION 10: Stability and reactivity

10.1. Reactivity

Carefully review all information provided in sections 10.2-Chemical stability to 10.6- Hazardous decomposition products.

10.2. Chemical stability

Stable under recommended conditions of storage.

10.3. Possibility of hazardous reactions

Polymerization will not occur.

10.4. Conditions to avoid

Avoid contact with incompatible substances. Avoid moisture.

10.5. Incompatible materials

Incompatible with alkalis (e.g. sodium hydroxide).

10.6. Hazardous decomposition products

May evolve toxic gases (phosphorus/ nitrogen oxides, ammonia) when heated to decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Contact may result in irritation, redness, pain and rash.

Skin sensitisation

Not classified as causing skin or respiratory sensitisation.

Carcinogenicity

Not classified as a carcinogen.

Reproductive toxicity

Not classified as a reproductive toxin.

Aspiration hazard

Not classified as causing aspiration.

STOT-single exposure

Over exposure may result in irritation of the nose and throat, with coughing.

STOT-repeated exposure

Not classified as causing organ damage from repeated exposure.

Germ cell mutagenicity

Not classified as a mutagen.

Respiratory sensitisation

Not classified as causing skin or respiratory sensitisation.

Eye

Contact may result in irritation, lacrimation, pain and redness.

SECTION 12: Ecological information

12.1. Toxicity

No information provided.

12.2. Persistence and degradability

No information provided.

12.3. Bioaccumulative potential

No information provided.

12.4. Mobility in soil

No information provided.

12.6. Other adverse effects

Phosphate and ammonium salts are plant and algae nutrients. If excess phosphates or ammonium compounds are released to soil or water, the ecological system may be disturbed causing algal blooms and resultant fish toxicity.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No special precautions are required for the disposal of this product.

Local legislation

Dispose of in accordance with relevant local legislation.

SECTION 14: Transport information

U.N. Number

1044

ADG UN class

2.2

Packing Group

None allocated.

ADG hazchem code

2

Proper Shipping Name

FIRE EXTINGUISHERS with compressed or liquefied gas

ADG IERG number

08

14.6. Special precautions for user

EmS: F-C, S-V

IMDG UN no

1044

IMDG proper shipping name

FIRE EXTINGUISHERS with compressed gas

IMDG hazard class

2.2

14.5. Environmental hazards**IMDG marine pollutant**

Not a Marine Pollutant.

UN number (air transport, IATA)

1044

IATA proper shipping name

FIRE EXTINGUISHERS with compressed gas

IATA hazard class

2.2

SECTION 15: Regulatory information

15.1. safety, health and environmental regulations/legislation specific for the substance or mixture**Classifications**

Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).

Inventory listings

AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals)

All components are listed on AIIC, or are exempt.

CHINA: IECSC (Inventory of Existing Chemical Substances in China)

All components are listed in the IECSC, or are exempt.

SECTION 16: Other information

Other information**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists

CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS Central Nervous System

EC No. EC No - European Community Number

EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)

GHS Globally Harmonized System

GTEPG Group Text Emergency Procedure Guide

IARC International Agency for Research on Cancer

LC50 Lethal Concentration, 50% / Median Lethal Concentration

LD50 Lethal Dose, 50% / Median Lethal Dose

mg/m³ Milligrams per Cubic Metre

OEL Occupational Exposure Limit

pH relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm Parts Per Million

STEL Short-Term Exposure Limit

STOT-RE Specific target organ toxicity (repeated exposure)

STOT-SE Specific target organ toxicity (single exposure)

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

SWA Safe Work Australia

TLV Threshold Limit Value

TWA Time Weighted Average

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User codes

User Title Label	User Codes
Wis Numbers	02509493

Poisons schedule

Not Scheduled

END OF SDS

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