

Infosafe No™ LQ2FU Issue Date : July 2013 ISSUED by CHUBBFS

Product Name **CHUBB WET CHEMICAL FIRE EXTINGUISHER**

Classified as hazardous

1. Identification

GHS Product Identifier CHUBB WET CHEMICAL FIRE EXTINGUISHER
Company Name CHUBB FIRE & SECURITY
Address 314 Boundary Road Dingley
 Vic 3172 Australia
Telephone/Fax Number Tel: +61 (3) 9264 9813
 Fax: +61 (03) 9264 9751
Emergency phone number 1300 369 309 (Business hours: 24/7)
Recommended use of the chemical and restrictions on use Extinguishing fires

2. Hazard Identification

GHS classification of the substance/mixture Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.
 Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
 Gases under Pressure: Liquefied Gas
Signal Word (s) Warning
Hazard Statement (s) H280 Contains gas under pressure; may explode if heated.
Pictogram (s) Gas cylinder



Precautionary statement – Storage P410+P403 Protect from sunlight. Store in a well-ventilated place.
Precautionary statement – Disposal P501 Dispose of contents/container to an approved waste disposal plant.

3. Composition/information on ingredients

Ingredients	Name	CAS	Proportion
	Nitrogen	7727-37-9	<2%
	Ingredients determined not to be hazardous.		Balance

4. First-aid measures

Inhalation If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
First Aid Facilities Eyewash and normal washroom facilities.
Advice to Doctor Treat symptomatically.
Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. Fire-fighting measures

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Suitable extinguishing media	Product is an extinguishing media. Use appropriate fire extinguisher for surrounding environment.
Hazards from Combustion Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of metals and sulphur, hydrogen fluoride, organic pyrolysis products, carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical	This product is non-combustible.
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

Emergency Procedures	Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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7. Handling and storage

Precautions for Safe Handling	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.
Biological Limit Values	No biological limit allocated.
Appropriate engineering controls	Use with good general ventilation. If vapours are produced, local exhaust ventilation should be used.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist / organic vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Hand Protection	Impervious gloves recommended such as plastic or rubber gloves. Final choice of appropriate gloves will vary according to individual circumstances ie. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.
Body Protection	Suitable workwear, e.g. cotton overalls buttoned at neck and wrist should be worn.

9. Physical and chemical properties

Appearance	Liquid
Colour	Clear water white

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Odour	Neutral
Decomposition Temperature	Not available
Melting Point	Not available
Boiling Point	100°C
Solubility in Water	Completely soluble
Solubility in Organic Solvents	Not available
Specific Gravity	1.29 (at 20°C)
pH	7.3 (neat). 7.2 (1% soln)
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Not available
Partition Coefficient: n-octanol/water	Not available
Flash Point	Not available
Flammability	Non-Combustible liquid
Auto-Ignition Temperature	Not available
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. Stability and reactivity

Reactivity	Reacts with incompatible materials.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Not known
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes including oxides of metals and sulphur, hydrogen fluoride, organic pyrolysis products, carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No toxicity data are available for this specific product.
Ingestion	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Inhalation	Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
Skin	May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.

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Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not considered to cause toxicity to a specific target organ.
STOT-repeated exposure	Not considered to cause toxicity to a specific target organ through prolonged or repeated exposure.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	No ecological data available for this material.
Persistence and degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available for product.
Environmental Protection	Prevent this material entering waterways, drains and sewers.

13. Disposal considerations

Disposal Considerations	The disposal of the waste material and the empty containers must be done in accordance with applicable local and national regulations. 'Empty' containers retain residue (liquid and/or vapour) and can be dangerous. Do not attempt to clean since residue is difficult to remove. Do not pressurise, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks and other sources of ignition. They may explode and cause injury or death. All containers should be returned to the supplier. Privately owned containers no longer required, should be disposed of in an environmentally safe manner, and in accordance with applicable regulations.
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14. Transport information

Transport Information	Road and Rail Transport (ADG Code): This material is classified as Dangerous Goods Division 2.2 - Non-flammable Non-toxic Gases according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition) Division 2.2 Dangerous Goods are incompatible in a placard load with any of the following: - Class 1, Explosives 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. 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. - Division 4.2, Spontaneously Combustible Substances - Division 5.2, Organic Peroxides Marine Transport (IMO/IMDG): Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. Division: 2.2 EmS: F-C, S-V UN-No: 1044 Special Provisions: 225 Proper Shipping Name: Fire extinguishers Air Transport (ICAO/IATA):
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	Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Division: 2.2 Packaging Instructions (cargo only): 213 Packaging Instructions (passenger & cargo): Forbidden Special Provisions: A19 UN-No: 1044 Proper Shipping Name: Fire extinguishers
U.N. Number	1044
UN proper shipping name	FIRE EXTINGUISHERS
Transport hazard class(es)	2.2
Packaging Method	3.8.2
Packing Group	
EPG Number	2C2
IERG Number	06
IMDG Marine pollutant	No

15. Regulatory information

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	Not Scheduled
AICS (Australia)	The listed chemicals are included in Australian Inventory of Chemical Substances (AICS) or otherwise notified under NICNAS.

16. Other Information

Date of preparation or last revision of SDS	SDS Created: July 2013
Literature References	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH). Globally Harmonised System of classification and labelling of chemicals. ...End Of MSDS...

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