FlameStop

SAFETY DATA SHEET

REVISED EDITION NO: **3**
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SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

PRODUCT IDENTIFIER:

FLAMESTOP WET CHEMICAL

OTHER MEANS OF IDENTIFICATION:

EWC WET CHEMICAL 21L DRUM

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

Use of substance / mixture: fire extinguishing agent

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

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PREPARED IN ACCORDANCE WITH THE NATIONAL CODE OF PRACTICE FOR THE PREPARATION OF MATERIAL SAFETY DATA SHEETS 2ND EDITION [NOHSC:2011(2003)]

SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Classification according to the the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classidied as dangerous.

Classification according to the the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th Edition)

Not classified as Dangerous Goods.

LABEL ELEMENTS:

Hazard pictograms	Not classified as hazardous.
Pictogram code	Not classified as hazardous.
Signal word	Not classified as hazardous.
Hazard statements	
Physical Hazards	Not classified as hazardous.
Health Hazards	Not classified as hazardous.
Environmental Hazards	Not classified as hazardous.
Combinations	Not classified as hazardous.
Precautionary statements	
General	Not classified as hazardous.
Prevention	Not classified as hazardous.
Response	Not classified as hazardous.
Storage	Not classified as hazardous.

OTHER HAZARDS:

Possible electrocution hazard if used on electrically energized equipment.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURE INGREDIENTS

Ingredient (Designation)	CAS No.	Concentration	Classification according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS)
Potassium acetate	127-08-2	<10%	The substance has not been classified according to the Globally Harmonized System (GHS).
Potassium Citrate	6100-05-6	10-<30%	The substance has not been classified according to the Globally Harmonized System (GHS).
Water (H_2O)	7732-18-5	>60%	The substance has not been classified according to the Globally Harmonized System (GHS).

SECTION 4: FIRST AID MEASURES

After inhalation

Remove to fresh air. Seek medical attention.

After skin contact

Wash affected area with soap and water. If irritation persists, seek medical attention.

After eye contact

Wash with water for a minimum of 15 minutes. If irritation persists, seek medical attention.

After ingestion

Give plenty of water to drink. Seek medical advice if necessary.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE, DELAYED AND AGGREVATED

No information available.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Other than the advised treatment above, no information is available.

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

Product is an extinguishing media. Use appropriate fire extinguisher for surrounding environment.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

No special hazards expected.

ADVICE FOR FIRE FIGHTERS

Appropriate personal protective equipment for fire fighters:

None.

Hazchem code:

Not hazardous.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear appropriate personal protective equipment and clothing to minimise exposure and avoid skin and eye contact.

ENVIRONMENTAL PRECAUTIONS

If possible contain the spill.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Spillage presents no hazard. Flush with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on safe use of product:

Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Advice on safe handling:

Avoid skin or eye contact. Keep containers sealed when not in use.

Environmental precautions:

Ensure that storage conditions comply with applicable local and national regulations.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Technical measures and storage conditions:

Always store in dry, cool area.

Requirements for storage rooms and containers:

Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

Suitable container/equipment material:

No information available.

Unsuitable container/equipment material:

No information available.

Information on combines storage:

No information available.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS / OCCUPATIONAL EXPOSURE LIMIT VALUES

According to the Hazardous Chemical Information System (HCIS), no exposure standards have been established for this mixture or its ingredients.

EXPOSURE CONTROLS

Appropriate engineering controls:

no information available

Individual protective measures, e.g. Personal Protective Equipment:

PPE is not needed, however, final choice of appropriate protective equipment will vary according to individual circumstances. Ensure that references are made to any applicable standards.

Environmental exposure controls

Store concentrate according to local state or national regulations.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance **- Physical state:** **- Colour:**	 Liquid Clear
Odour:	Odourless
Odour threshold:	Odour threshold is subjective and inadequate to warn for overexposure.
pH:	8.5
Melting point (°C):	no information available
Boiling point (°C):	no information available
Molar mass:	no information available
Critical temperature (°C):	no information available
Flash point (°C):	None.
Evaporation rate (ether=1):	no information available
Flammability range (vol% in air):	Non flammable.
Vapour pressure (at 20°C):	no information available
Vapour density:	no information available
Relative density, gas (air=1):	no information available
Relative density, liquid (water =1):	no information available
Solubility in water:	no information available
Partition coefficient n-octanol/water:	no information available
Viscosity at 20°C (mPa.s):	no information available
Explosive properties:	Not explosive.
Molecular weight:	no information available
Other information:	Specific gravity: ~1.17 Does not ignite.

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY

Not known.

CHEMICAL STABILITY

No special measures are necessary. Stable under normal ambient storage and handling conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

No information available

CONDITIONS TO AVOID

Not known

INCOMPATIBLE MATERIALS

None.

HAZARDOUS DECOMPOSITION PRODUCTS

None.

SECTION 11 - TOXILOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Toxicity Information This chemical formulation has not been tested for health effects.	
Acute toxicity:	This product has not been tested
Skin corrosion/irritation:	This product has not been tested
Serious eye damage/irritation:	This product has not been tested
Respiratory or skin sensitisation:	This product has not been tested
Respiratory or skin sensitisation:	This product has not been tested
Germ cell mutagenicity:	This product has not been tested
Carcinogenicity:	This product has not been tested
Reproductive toxicity:	This product has not been tested
Specific Target Organ Toxicity (STOT) – single exposure:	This product has not been tested
Specific Target Organ Toxicity (STOT) – repeated exposure:	This product has not been tested
Aspiration hazard:	This product has not been tested

SECTION 11 - TOXILOGICAL INFORMATION (CONTINUED)

INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

Eye contact:	Non harmful
Skin contact:	Non harmful
Inhalation:	Negligible. Vapour pressure at ambient temperature considered.
Ingestion:	Not an expected route of entry, however, ingestion may cause irritation.
Acute overexposure:	See above
Chronic overexposure:	None

EARLY ONSET SYMPTOMS RELATING TO EXPOSURE

No information available

DELAYED HEALTH EFFECTS FROM EXPOSURE

No information available

EXPOSURE LEVELS AND HEALTH EFFECTS

No information available

INTERACTIVE EFFECTS

No information available

OTHER INFORMATION

No information available.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

No ecological data available for this mixture.

PERSISTENCE AND DEGRADABILITY

No information available.

BIOACCUMULATIVE POTENTIAL

No information available.

MOBILITY IN SOIL

No information available.

ENVIRONMENTAL PROTECTION

Prevent this material entering waterways, drains and sewers.

SECTION 13 - DISPOSABLE CONSIDERATIONS

DISPOSABLE METHODS

No harm to the environment is expected from this preparation. Dispose of waste according to applicable local and national regulations.

PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL OPTIONS

Not determined.

EFFECTS OF SEWAGE DISPOSAL

Not determined.

SPECIAL PRECAUTIONS FOR INCINERATION OR LANDFILL

No information available.

SECTION 14 - TRANSPORT INFORMATION

Labelling ADG, IMO/IMDG, ICAO/IATA	Not hazardous
Road and Rail Transport (ADG Code)	
Classification:	Not Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road & Rail (Seventh edition, 7.4, 2015)
UN number	Not applicable. This product is not classified as dangerous goods.
Proper shipping name:	Not applicable. This product is not classified as dangerous goods.
Transport hazard class/division:	Not applicable. This product is not classified as dangerous goods.
Packing group:	Not applicable. This product is not classified as dangerous goods.
HAZCHEM - Emergency Action Code	No Hazchem Emergency Action Code
Special Provisions:	Not applicable. This product is not classified as dangerous goods.
Limited Quantities:	Not applicable. This product is not classified as dangerous goods.
Packing Instruction:	Not applicable. This product is not classified as dangerous goods.
Special Packing Provisions:	Not applicable. This product is not classified as dangerous goods.
Placard load Incompatabilities:	Not applicable. This product is not classified as dangerous goods.

SECTION 14 - TRANSPORT INFORMATION (CONTINUED)

Marine transport (IMO/IMDG)	
Classification:	Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN number:	Not applicable. This product is not classified as dangerous goods.
Proper shipping name:	Not applicable. This product is not classified as dangerous goods.
Division:	Not applicable. This product is not classified as dangerous goods.
Environmental hazards for Transport Purposes:	Not applicable. This product is not classified as dangerous goods.
Emergency Schedule (EmS) - Fire:	Not applicable. This product is not classified as dangerous goods.
Emergency Schedule (EmS) - Spillage:	Not applicable. This product is not classified as dangerous goods.
Special provisions:	Not applicable. This product is not classified as dangerous goods.
Air transport (ICAO/IATA)	
Classification:	Not Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
UN number:	Not applicable. This product is not classified as dangerous goods.
Proper shipping name:	Not applicable. This product is not classified as dangerous goods.
Division:	Not applicable. This product is not classified as dangerous goods.
Packing instruction (Cargo Aircraft only):	Not applicable. This product is not classified as dangerous goods.
Packing instruction (Passanger and Cargo Aircraft):	Not applicable. This product is not classified as dangerous goods.
Special Provisions:	Not applicable. This product is not classified as dangerous goods.

SPECIAL PRECAUTIONS FOR USER

Not available.

SECTION 15 - REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE

Not 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).

AICS (Australia)

All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted

Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16 - OTHER INFORMATION

KEY LITERATURE REFERENCES AND SOURCES

Classification in accordance with the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)].

This Safety Data Sheet where necessary has been established in accordance with the applicable European Union legislation.

Standard for the Uniform Scheduling of Medicines and Poisons. (SUSMP)

Australian Inventory of Chemical Substances (AICS)

Australian Code for the Transport of Dangerous Goods by Road & Rail (2015, 7th Edition, 7.4)

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

Workplace exposure standards for airborne contaminants, Safe work Australia.

International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

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For contact information please go to page 1 of this SDS.

END OF SDS.