FlameStop

SAFETY DATA SHEET

REVISED EDITION NO: **3**
DATE: **10/04/2026**
SUPERSEDES: **12/01/2022**

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SECTION 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

PRODUCT IDENTIFIER:

FLAMESTOP 9.0KG NaCl POWDER TYPE STORED PRESSURE FIRE EXTINGUISHER

OTHER MEANS OF IDENTIFICATION:

G9METAL

R930

D CLASS

METAL FIRE EXTINGUISHER

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

Relevant identified uses: extinguishing agent. Dry chemical special powder for metal fire

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Supplier:	FlameStop
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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

Classidied as dangerous - Gases under Pressure - Compressed Gas

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

Classified as Dangerous Good

LABEL ELEMENTS:

Hazard pictograms	
Pictogram code	GHS04 Gas Cylinder
Signal word	**WARNING**
Hazard statements	
Physical Hazards	**H280** Contains gas under pressure; may explode if heated.
Health Hazards	
Environmental Hazards	
Combinations	
Precautionary statements	
General	
Prevention	
Response	
Storage	**P410+P403** Protect from sunlight. Store in a well ventilated space.

OTHER HAZARDS:

No other hazards.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCES

This product is a mixture

HAZARDOUS INGREDIENTS

Ingredient (Designation)	CAS No.	Percentage of Ingredients
Melamin F.G.	108-78-1	1 - < 5 %
Quartz (SiO2)	14808-60-7	1 - < 5 %
Nitrogen	7727-37-9	Not known, gas

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

Afer inhalation

Provide fresh air. In case of inhaling spray mist, consult a physician. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult a ophthalmologist.

After ingestion

Let water be drunken in little sips (dilution effect).

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

Irritation and etching

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

This is an extinguishing agent. Use appropriate fire extinguisher for surrounding environment

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

At high temprature : concentrate gives toxic products. Thermal decomposition of usage concentrations does not present a hazard.

SECTION 5: FIREFIGHTING MEASURES (CONTINUED)

ADVICE FOR FIREFIGHTERS

None

Appropriate personal protective equipment for fire fighters:

None

Hazchem code:

No Hazchem Code issued to these articles. No HIN issued under RID and ADR.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used. In case of dangerous gases, vapours or dusts self-contained breathing apparatus or suitable masks and filters need to be advised

ENVIRONMENTAL PRECAUTIONS

Do not empty into drains. Clean contaminated objects and areas thoroughly observing environmental regulations. Use approved industrial vacuum cleaner for removal.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice on safe handling:
Keep container tightly closed in a cool, well-ventilated place.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Technical measures and storage conditions:

Store in original container. Keep tightly closed.

Requirements for storage rooms and containers:

Keep container tightly closed. Store at temperatures not exceeding 60°C / 140°F. Store in a dry place.

Suitable container/equipment material:

Not required

Unsuitable container/equipment material:

Not required

Information on combines storage:

Not required

Further information:

Keep the packing dry and well sealed to prevent contamination and absorbtion of humidity.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

CONTROL PARAMETERS / OCCUPATIONAL EXPOSURE LIMIT VALUES

CAS No.	Substance	ppm	mg/m3	Category	Origin
12001-26-2	Mica, total inhalable	-	10	TWA (8h)	WEL
		-	-	STEL (15min)	WEL

EXPOSURE CONTROLS

Appropriate engineering controls:

If technical exhaust or ventilation measures are not possible or insufficient , respiratory protection must be worn.

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

Avoid generation of dust. “Avoid eye contact with vapour, spray, or mist. Wear vented goggles.” Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: Butyl rubber. Avoid skin contact. “In the case of dust or aerosol formation use respirator with filter model P2 / FFP2 (according to DIN 3181,1980).

Environmental exposure controls

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance **- Physical state:** **- Colour:**	Powder Solid, dry extinguisher powder White
Odour:	None
pH (at 20°C):	6-9 (10%)
Density (at 20°C):	2.1-2.2 g/cm^3
Sustaining combustion:	Not sustaining combustion
Solid content:	9.15%

SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY

None.

CHEMICAL STABILITY

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

POSSIBILITY OF HAZARDOUS REACTIONS

None.

SECTION 10 - STABILITY AND REACTIVITY (CONTINUED)

CONDITIONS TO AVOID

None.

INCOMPATIBLE MATERIALS

Materials to avoid:

Not determined.

HAZARDOUS DECOMPOSITION PRODUCTS

None.

SECTION 11 - TOXILOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

CAS No.	Substance	Exposure route	Dose	Species	Source
12001-26-2	Melamin F.G.	dermal inhalative vapour inhalative aerosol	ATE (1100mg/kg) ATE (11mg/l) ATE (1.5mg/l)	-	-

Acute toxicity:	Based on available data, the classification criteria are not met
Skin corrosion/irritation:	Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Based on available data, the classification criteria are not met
Respiratory or skin sensitisation:	May cause an allergic skin reaction. (Melamin F.G.)
Germ cell mutagenicity:	Based on available data, the classification criteria are not met
Carcinogenicity:	Based on available data, the classification criteria are not met
Reproductive toxicity:	Based on available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT)– single exposure:	Based on available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT) – repeated exposure:	Based on available data, the classification criteria are not met
Aspiration hazard:	Based on available data, the classification criteria are not met

INFORMATION ON POSSIBLE ROUTES OF EXPOSURE

Ingestion (swallowing):	None known
Skin exposure:	None known
Eye exposure	None known
inhilation:	None known
Acute Overexposure	None known
Chronic Overexposure	None known

SECTION 11 - TOXILOGICAL INFORMATION (CONTINUED)

EARLY ONSET SYMPTOMS RELATING TO EXPOSURE

No known effects from this product.

DELAYED HEALTH EFFECTS FROM EXPOSURE

No known effects from this product.

EXPOSURE LEVELS AND HEALTH EFFECTS

No known effects from this product.

INTERACTIVE EFFECTS

No known effects from this product.

MIXTURES OF CHEMICALS

No known effects from this product.

OTHER INFORMATION

No information available

INTERACTIVE EFFECTS

No information available

OTHER INFORMATION

No information available

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

There is no data available on the mixture itself.

PERSISTENCE AND DEGRADABILITY

There is no data available on the mixture itself.

BIOACCUMULATIVE POTENTIAL

There is no data available on the mixture itself.

MOBILITY IN SOIL

There is no data available on the mixture itself.

OTHER ADVERSE EFFECTS

There is no data available on the mixture itself.

FURTHER INFORMATION

There is no data available on the mixture itself.

SECTION 13 - DISPOSABLE CONSIDERATIONS

DISPOSABLE METHODS

Advise on disposal

Material recycling possible.

"Avoid discharge to a wastewater treatment system. Reduce discharge rate if foaming occurs. Larger quantities may adversely affect biological wastewater treatment systems . Incinerate large quantities in an industrial or commercial incinerator. Since regulations vary, consult applicable regulations or authorities before disposal."

Waste disposal number of waste from residues/unused products

EUROPE: 160304 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; inorganic wastes othe than those mentioned in 16 03 03

Non-contaminated packages may be recycled.

Contaminated packages must be completely emptied and can be re-used following proper cleaning.

Packing which cannot be properly cleaned must be disposed of.

PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL OPTIONS

Not determined

EFFECTS OF SEWAGE DISPOSAL

Not determined

SPECIAL PRECAUTIONS FOR INCINERATION OR LANDFILL

Not determined.

SECTION 14 - TRANSPORT INFORMATION

Labelling ADG, IMO/IMDG, ICAO/IATA	2.2 Non flammable, non toxic ga
Road and Rail Transport (ADG Code)	
Classification:	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	1044
Proper shipping name:	FIRE EXTINGUISHERS with compressed or liquefied ga
Transport hazard class/division:	2.2
Packing group:	N/A
HAZCHEM - Emergency Action Code	No Hazchem Code issued to these articles. No HIN issued under RID and ADR.
Special Provisions:	225
Limited Quantities:	120mL
Packing Instruction:	P003
Special Packing Provisions:	PP91

SECTION 14 - TRANSPORT INFORMATION (CONTINUED)

Placard load Incompatabilities:	**Division 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)	
Classification:	Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
UN number:	1044
Proper shipping name:	FIRE EXTINGUISHERS with compressed or liquefied ga
Division:	2.2
Environmental hazards for Transport Purposes:	Not a known pollutant according to the International Maritime Dangerous Goods (IMDG) Code. Substance is not classified as having an acute aquatic toxicity hazard
Emergency Schedule (EmS) - Fire:	F-C
Emergency Schedule (EmS) - Spillage:	S-V
Special provisions:	225
Air transport (ICAO/IATA)	
Classification:	Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.
UN number:	1044
Proper shipping name:	FIRE EXTINGUISHERS with compressed or liquefied ga
Division:	2.2
Packing instruction (Cargo Aircraft only):	213
Packing instruction (Passanger and Cargo Aircraft):	Restricted.
Special Provisions:	A19

SECTION 15 - REGULATORY INFORMATION

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

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work Health and Safety regulations, Australia & classified in accordance with the applicable European Union legislatio

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

International Regulations

Water contaminating class: 2 - Water contaminating

CHEMICAL ASSESSMENT

For this mixture a chemical safety assessment has been 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, Heal 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 and has used calculation methods of regulation (EC) 1272/2008 CLP / (EC) 1999/45 DPD.

DIN (DIN, Deutsches Institut für Normung e.V. (German Institute for Standardization))

OECD (The Organisation for Economic Co-operation and Development)

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.

SECTION 16 - OTHER INFORMATION (CONTINUED)

DISCLAIMER

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Please refer to our internet website for more information: www.flamestop.com.au

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

END OF SDS.