

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011) Issue date: 16/12/2024 Revision date: 16/12/2024

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Version: 4.1

1.1.GHS Product identifier Mixture Product form Mixture Product form CFS-P BA / CP 618 / CFS-D 1' / CFS-D 25 Product code BU Fire Protection 1.2.Other means of identification No additional information available 1.3. Recommended use of the chemical and restrictions on use Use of the substance/mixture Recommended uses and restrictions For professional users only 1.4. Supplier's details Department issuing data specification sheet Supplier's details Department issuing data specification sheet Hill (South Africa) (Py) Ltd. Hill A 2. Tugela Lane, Vaterfail Logistics Precinct FeldKricherstraBe 100 Corner field Veil Road and R101 FeldKricherstraBe 100 Corner field Veil Road and R101 FeldKricherstraBe 100 South Africa T +423 234 2111 Pro211 237300. F +2211 2373111 product compliance-file protection @hillic.com Customercare za@hilt.com GBK GmbH Global Regulatory Compliance +49 (0)6132-84463 +2711 237300 +2211 237300 To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good accupational hygiene and safety practice 2. CHS Label elements, Including precautionary statement	SECTION 1: Identification		
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3.1. Substances			
3.1. Substances			
	SECTION 3: Composition/information	on on ingredients	
Not applicable	3.1. Substances		
	Not applicable		

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the applicable regulations



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SECTION 4: First-aid measures	
4.1. Description of necessary first-aid me	asures
First-aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	Wash skin with plenty of water.
First-aid measures after eye contact	Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms/effects, ac	ute and delayed
Symptoms/effects	Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	Dust of the product, if present, may cause respiratory irritation after excessive inhalation exposure. Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact	None under normal conditions. Dust may cause irritation in skin folds or by contact in combination with tight clothing.
Symptoms/effects after eye contact	None under normal conditions. Dust from this product may cause eye irritation.
Symptoms/effects after ingestion	None under normal conditions.
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures			
5.1. Suitable extinguishing media			
Suitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.		
Unsuitable extinguishing media	Do not use a heavy water stream.		
5.2. Specific hazards arising from the chemical			
Fire hazard	No fire hazard.		
Explosion hazard	No direct explosion hazard.		
Hazardous decomposition products in case of fire	Carbon dioxide. Carbon monoxide.		
5.3. Special protective actions for fire-fighters			
Firefighting instructions Protection during firefighting	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Do not enter fire area without proper protective equipment, including respiratory protection. Do not enter fire area without proper protective equipment, including respiratory protection. Do not enter fire area without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.		

SECTION 6: Accidental release n	neasures
6.1. Personal precautions, protective eq	uipment and emergency procedures
General measures	Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.
6.1.1. For non-emergency personnel	

Protective equipment Emergency procedures Wear recommended personal protective equipment. Ventilate spillage area. Evacuate unnecessary personnel.



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6.1.2. For emergency responders		
Protective equipment	Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".	
Emergency procedures	Ventilate area. Evacuate unnecessary personnel.	
6.2. Environmental precautions		
Avoid release to the environment. Prevent entry to sewers and public waters.		
6.3. Methods and materials for cor	ntainment and cleaning up	
For containment	Using a clean shovel, put the material in a dry container and cover without compressing it.	
Methods for cleaning up	Mechanically recover the product. On land, sweep or shovel into suitable containers.	
Other information	Dispose of materials or solid residues at an authorized site.	
SECTION 7: Handling and st	torage	
7.1. Precautions for safe handling		
Precautions for safe handling	Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.	
Hygiene measures	Do not eat, drink or smoke when using this product. Always wash hands after handling the	

7.2. Conditions for safe storage, including any incompatibilities

· • • • • • • • • • • • • • • • • • •	
Technical measures	Keep in a cool, well-ventilated place away from heat.
Storage conditions	Store at ambient temperature.
Incompatible products	Strong bases. Strong acids.
Incompatible materials	Sources of ignition. Direct sunlight.
Packaging materials	Store always product in container of same material as original container.
Storage temperature	-5 – 40 °C
Storage temperature	0 01

product.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

Additional hazards when processed

8.2. Appropriate engineering controls

Appropriate engineering controls	Ensure good ventilation of the work station.
Environmental exposure controls	Avoid release to the environment.
Other information	Do not eat, drink or smoke during use.

8.3. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment:

Avoid all unnecessary exposure. Protective goggles. Wear protective gloves. Protective clothing.

Hand protection

Wear suitable gloves tested to EN374. Suitable for short-term work or as a splash guard: Nitrile rubber gloves (> 0.1 mm). In case of permanent product contact:

Not expected to present a significant hazard under anticipated conditions of normal use.

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	>0,4		
Eye protection		Safety glasses			
Skin and body protection		Wear suitable protective	eclothing		
Respiratory protection		No respiratory protectio	n needed under normal	use conditions	
10/12/2024		N (English)			



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Personal protective equipment symbol(s)



8.4. Exposure limit values for the other components

No additional information available

SECTION 9: Physical and chemical properties

9.1. Basic physical and chemical properties

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Physical state	Solid
Appearance	Pasty
Colour	red.
Odour	characteristic.
Odour threshold	Not determined
Melting point	Not available
Freezing point	Not applicable
Boiling point	Not available
Flammability	Non flammable.
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
рН	Not relevant
pH solution	Not available
Viscosity, kinematic (calculated value) (40 °C)	Not applicable
Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50°C	Not available
Density	1,6 g/cm ³
Relative density	Not available
Relative vapour density at 20°C	Not applicable
Solubility	Water: Insoluble
Particle size	Not available

9.2. Data relevant with regard to physical hazard classes (supplemental)

Explosive limits Molecular mass Not applicable Not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.



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10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects		
Acute toxicity (oral)	Not classified	
Acute toxicity (dermal)	Not classified	
Acute toxicity (inhalation)	Not classified	
Skin corrosion/irritation	Not classified	
	pH: Not relevant	
Serious eye damage/irritation	Not classified	
	pH: Not relevant	
Respiratory or skin sensitisation	Not classified	
Germ cell mutagenicity	Not classified	
Carcinogenicity	Not classified	
Reproductive toxicity	Not classified	
STOT-single exposure	Not classified	
STOT-repeated exposure	Not classified	
Aspiration hazard	Not classified	
CFS-P BA / CP 618 / CFS-D 1" / CFS-D 25		
Viscosity, kinematic	Not applicable	
Potential adverse human health effects and symptoms	Based on available data, the classification criteria are not met.	

SECTION 12: Ecological information

12.1. Toxicity		
Ecology - general	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.	
Hazardous to the aquatic environment, short-term (acute)	Not classified	
Hazardous to the aquatic environment, long-term (chronic)	Not classified	
12.2. Persistence and degradability		
CFS-P BA / CP 618 / CFS-D 1" / CFS-D 25		
Persistence and degradability	Not established.	
12.3. Bioaccumulative potential		
CFS-P BA / CP 618 / CFS-D 1" / CFS-D 25		
Bioaccumulative potential	Not established.	
12.4. Mobility in soil		
CFS-P BA / CP 618 / CFS-D 1" / CFS-D 25		
Mobility in soil	No additional information available	



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12.5. Other adverse effects

Ozone Other adverse effects Other information Not classified No additional information available Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation	Disposal must be done according to official regulations.
Waste treatment methods	Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.
Ecological information	Avoid release to the environment.
Additional information	Do not re-use empty containers.

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	RID
14.1. UN number or ID numbe	r		
Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping nam	e		
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(e	es)		
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			•
Not regulated	Not regulated	Not regulated	Not regulated

14.6. Special precautions for user

Overland transport Not regulated

Transport by sea Not regulated

Air transport

Not regulated

Rail transport Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable



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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

SECTION 16: Other informatio	n
SDS Major/Minor	None
Issue date	2024/12/16
Revision date	2024/12/16
Supersedes	2022/08/02

Section	Changed item	Change	Comments
			general update
8		Modified	
16		Modified	

Abbreviations and acronyms

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration factor
BLV - Biological limit value
BOD - Biochemical oxygen demand (BOD)
COD - Chemical oxygen demand (COD)
DMEL - Derived Minimal Effect level
DNEL - Derived-No Effect Level
EC-No European Community number
EC50 - Median effective concentration
EN - European Standard
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IMDG - International Maritime Dangerous Goods
LC50 - Median lethal concentration
LD50 - Median lethal dose
LOAEL - Lowest Observed Adverse Effect Level
NOAEC - No-Observed Adverse Effect Concentration
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
OECD - Organisation for Economic Co-operation and Development
OEL - Occupational Exposure Limit
PBT - Persistent Bioaccumulative Toxic
PNEC - Predicted No-Effect Concentration
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS - Safety Data Sheet
STP - Sewage treatment plant
ThOD - Theoretical oxygen demand (ThOD)
TLM - Median Tolerance Limit
VOC - Volatile Organic Compounds
CAS-No Chemical Abstract Service number
N.O.S Not Otherwise Specified
vPvB - Very Persistent and Very Bioaccumulative
ED - Endocrine disrupting properties



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Other information

None.

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.