

SAFETY DATA SHEET

STABILISING SOLUTION MST

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878



Date of issue: 28/07/2022
Version 1.0

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name Stabilising solution MST
Product Code MST/Bulk
Unique Formula Identifier (UFI) Not applicable
Nanoform The product does not contain nanoparticles.

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

Identified use(s) Adhesives/ Sealants
Uses advised against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification

Cromar Building Products Limited
Units 1,3,4,5 Northside Industrial Park,
Selby Road
Whitley Bridge
North Yorkshire
DN14 0GH
United Kingdom
01977 663133
sales@cromar.uk.com

Telephone
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Distributed in the EU

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00353 87 2528476
info@cromar.ie

Telephone
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1.4 Emergency Telephone Number

Emergency Phone No.	01977 663133	Office hours (08:30 - 17:00)
National Poisons Information Centre (Ireland)	+353 (1) 809 2166	8.00am. - 10.00pm 7 days per week
	+353 (1) 809 2566	Members of Public
National Poisons Information Service (Northern Ireland)	+44 (0) 3448 920111	24 hr. emergency phone number
NHS 24	111	Healthcare Professionals ONLY
Language(s) spoken:	English	24 hr. emergency phone number
		Healthcare Professionals ONLY
		Members of Public

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Not classified as hazardous for supply/use.

2.2 Label elements

Product name According to Regulation (EC) No. 1272/2008 (CLP)
Stabilising Solution MST
Contains: Not applicable
Hazard Pictogram(s) None assigned
Signal Word(s) None assigned
Hazard Statement(s) None assigned
Precautionary Statement(s) None assigned

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Supplemental information

None assigned

2.3 Other hazards

None Known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	>0.001 - ≤0.1	68424-85-1	270-325-2	Not yet assigned in the supply chain	Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Specific concentration limit (SCL) & M-factor

Chemical identity of the substance	CAS No.	EC No.	Specific concentration limit (SCL)	M-factor
Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	68424-85-1	270-325-2	--	Acute: 10 Chronic: 1

For full text of H/P Statements see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

Use personal protective equipment as required. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Avoid breathing vapours. Avoid contact with skin and eyes. Contaminated clothing should be laundered before reuse.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation develops and persists, get medical attention.

Skin contact

Remove clothing and wash thoroughly before use. Wash affected skin with soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact

First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.

Ingestion

Rinse mouth. Give plenty of water to drink. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

None Known.

4.3 Indication of any immediate medical attention and special treatment needed

Unlikely to be required but if necessary treat symptomatically.

5. SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

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	Suitable extinguishing media	As appropriate for surrounding fire.
	Unsuitable extinguishing media	Do not use water jet. Direct water jet may spread the fire.
5.2	Special hazards arising from the substance or mixture	Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions. By heating and fire, harmful vapours/gases may be formed.
5.3	Advice for firefighters	Fight fire with normal precautions from a reasonable distance. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	Ensure adequate ventilation. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. Use personal protective equipment as required. Avoid breathing vapours. Contaminated clothing should be laundered before reuse. See Section: 8
6.2	Environmental precautions	Avoid release to the environment. Do not allow to enter drains, sewers or watercourses.
6.3	Methods and material for containment and cleaning up	Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal. Ventilate the area and wash spill site after material pick-up is complete.
6.4	Reference to other sections	See Section: 8, 13

7. SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	Ensure adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapours. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Contaminated clothing should be laundered before reuse. See Section: 8.
7.2	Conditions for safe storage, including any incompatibilities	Keep only in original container. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Keep away from direct sunlight. Keep cool. Protect from sunlight.
	Storage temperature	None Known
	Incompatible materials	None Known
7.3	Specific end use(s)	See Section: 1.2.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters
- 8.1.1 Occupational exposure limits

United Kingdom:

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Propan-2-ol	67-63-0	400	999	500	1250	-

Source: WEL: Workplace Exposure Limit (UK HSE EH40).

Ireland

SUBSTANCE	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
		ppm	mg/m ³	ppm	mg/m ³	
Isopropyl alcohol	67-63-0	200	-	400	-	Sk

Source: 2021 Code of Practice for Safety, Health and Welfare at Work (Chemical Agents) Regulation (2001 – 2021) and the Safety, Health and Welfare at Work (Carcinogens) Regulations (2001 – 2019); Health and Safety Authority




Notations:

Sk: substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body.

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8.1.2	Biological limit value	Not established
8.1.3	PNECs and DNELs	Not established
8.2	Exposure controls	
8.2.1	Appropriate engineering controls	Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. A washing facility/water for eye and skin cleaning purposes should be present.
8.2.2	Individual protection measures, such as personal protective equipment	Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work place. Contaminated clothing should be laundered before reuse.
	Eye/ face protection	Wear protective eye glasses for protection against liquid splashes. Wear eye protection with side protection.
		
	Skin protection	Hand protection: Wear impervious gloves. Gloves should be changed regularly to avoid permeation problems. Breakthrough time of the glove material: refer to the information provided by the gloves' producer.
		
	Respiratory protection	Body protection: Wear work clothes with long sleeves.
		Respiratory protection is not necessary if room is well ventilated. In case of inadequate ventilation wear respiratory protection.
	Thermal hazards	Not applicable
8.2.3	Environmental exposure controls	Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Physical state	Liquid
	Colour	White
	Odour	Almost odourless
	Melting point/freezing point	No data available
	Boiling point or initial boiling point and boiling range	100 °C
	Flammability	Not flammable
	Lower and upper explosion limit	No data available
	Flash point	>93 °C
	Auto-ignition temperature	No data available
	Decomposition temperature	No data available
	pH	approx. 7
	Kinematic viscosity	No data available
	Solubility	Miscible with water.
	Partition coefficient: n-octanol/water (log value)	No data available
	Vapour pressure	No data available
	Density and/or relative density	1
	Relative vapour density	No data available
	Particle characteristics	Not applicable

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9.2 Other information Not applicable

10. SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under normal conditions.
10.3	Possibility of hazardous reactions	Stable under normal conditions.
10.4	Conditions to avoid	Keep cool. Protect from sunlight.
10.5	Incompatible materials	None Known.
10.6	Hazardous decomposition products	May decompose in a fire giving off toxic fumes. Carbon monoxide, Carbon dioxide, organic and inorganic compounds.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008	
	Acute toxicity – Ingestion	Mixture: Based upon the available data, the classification criteria are not met.
	Acute toxicity – Inhalation	Mixture: Based upon the available data, the classification criteria are not met.
	Acute toxicity – Skin contact	Mixture: Based upon the available data, the classification criteria are not met.
	Skin corrosion/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Serious eye damage/irritation	Mixture: Based upon the available data, the classification criteria are not met.
	Respiratory or skin sensitisation	Mixture: Based upon the available data, the classification criteria are not met.
	Germ cell mutagenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
	Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
	STOT - Single Exposure	Mixture: Based upon the available data, the classification criteria are not met.
	STOT - Repeated Exposure	Mixture: Based upon the available data, the classification criteria are not met.
	Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2	Information on other hazards	
11.2.1	Endocrine disrupting properties	No substances identified as having endocrine-disrupting properties.
11.2.2	Other information	None known

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Mixture: Based upon the available data, the classification criteria are not met.
12.2	Persistence and degradability	No data for the mixture as a whole.
	Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	No data available
12.3	Bioaccumulative potential	No data for the mixture as a whole.
	Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	No data available
12.4	Mobility in soil	No data for the mixture as a whole.
	Quaternary ammonium compounds, benzyl (C12 - C16) alkyl dimethyl, chlorides	No data available
12.5	Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
12.6	Endocrine disrupting properties	No substances identified as having endocrine-disrupting properties.
12.7	Other adverse effects	None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	
	Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	This material and its container must be disposed of as hazardous waste. Dispose of wastes in an approved waste disposal facility. Dispose of contents in accordance with local, state or national legislation.

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14. SECTION 14: TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

	ADR/RID	ADN	IMDG	IATA/ICAO
14.1 UN number or ID number	None assigned	None assigned	None assigned	None assigned
14.2 UN proper shipping name	None assigned	None assigned	None assigned	None assigned
14.3 Transport hazard class(es)	None assigned	None assigned	None assigned	None assigned
14.4 Packing group	None assigned	None assigned	None assigned	None assigned
14.5 Environmental hazards	Not classified	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6 Special precautions for user	See Section: 2			
14.7 Maritime transport in bulk according to IMO instruments	Not applicable			
14.8 Additional information	None			

15. SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1 EU regulations	
Authorisations and/or restrictions on use	Not restricted for the intended use(s) of the product.
Substance(s) of Very High Concern (SVHCs)	This product does not contain any known "substances of very high concern" (SVHC's)
EU Seveso Directive (2012/18/EU)	Not applicable
To follow:	Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work
15.1.2 National regulations	Not restricted
15.2 Chemical Safety Assessment	REACH chemical safety assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

References:

Existing Safety Data Sheet (SDS) for substances.

Existing ECHA registration(s) for Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (CAS No. 68424-85-1)

EU classification and labelling inventory for Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides (CAS No. 68424-85-1)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

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Hazard classification / Classification code:

Acute Tox. 4; Acute Toxicity, Category
Skin Corr. 1B; Skin corrosion/irritation, Category 1B
Eye Dam. 1; Eye damage, category 1
Aquatic Acute 1; Hazardous to the aquatic environment, Acute, Category
1
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic ,
Category 1

Hazard Statement(s)

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H318: Causes serious eye damage.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.