

## Safety Data Sheet

### MS-26 FROZEN - P13023-NA

Safety Data Sheet dated 9/14/2018, version 2

#### 1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: MS-26 FROZEN

Other means of identification:

SDS code: P13023-NA

Recommended use of the chemical and restrictions on use

Recommended use:

SHIM

Industrial uses

Professional uses

Restrictions on use:

No uses advised against are identified.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

Dysol Inc. - 791 Westport Parkway - Fort Worth, TX 76177 / Phone: 1-817-335-1826 /  
csr-na@socomore.com/ Fax Number: 817-335-2405

Distributor: SOCOMORE S.A.S. - Zone Industrielle du Prat - CS 23707 - 56037 VANNES  
CEDEX - France - Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 20 26

Distributor: Socomore Ltd - 5, Coe Avenue - Loughborough - Leicestershire - LE11 4SE - UK  
- Tel: +44 1509 262040 - Fax: +44 1509 262046

Distributor: Socomore Iberia - Calle Diputacio, 260 - 08007 Barcelona - Espana - Tel: +34 917  
693 962 - Fax: +34 902 908 966

Distributor: MagChem Inc. 1271, rue Ampere, suite 101, Boucherville, QC, J4B 5Z5 Canada -  
Tel: 1-450 641 8500 - Fax: 1-450 655 1717

Distributor: Socomore GmbH - c/o MAZARS GmbH - Theodor-Stern-Kai 1 - 60596 Frankfurt  
am Main - Deutschland - Tel: +49 (0)89 20 70 28 83 - Fax: +49 (0) 89 88 91 98 16

Distributor: Socomore Trading Shanghai - 355 East Kang Qiao Road - Kang Qiao Industrial  
Zone - Pudong - 201315 Shanghai - Tel: 862158131133 - Fax: 862158131933

Dystrybutor : SOCOMORE SPzoo - Ul. Piekna 18, 00-549 Warszawa Polska - Tel : +48 608  
454 114 - Fax : +48 (22) 621 61 09

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number

CHEMTEL: 1-800-255-3924 (USA) / CANUTEC: 1-613-996-6666 (CANADA)

#### 2. HAZARD(S) IDENTIFICATION

Classification of the chemical



Danger, Skin Corr. 1B, Causes severe skin burns and eye damage.



Danger, Eye Dam. 1, Causes serious eye damage.



Warning, Skin Sens. 1, May cause an allergic skin reaction.



Danger, Carc. 1A, May cause cancer if inhaled.



Danger, STOT SE 1, Causes damage to organs if inhaled.

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Label elements

Hazard pictograms:



Danger

Hazard statements:

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H350 May cause cancer if inhaled.

H370 Causes damage to organs if inhaled.

Precautionary statements:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of water.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P311 IF exposed or concerned: Call a POISON CENTER.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P312 Call a POISON CENTER/doctor if you feel unwell.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substances

N.A.

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#### Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 25% - < 30% QUARTZ

CAS: 14808-60-7, EC: 238-878-4

 A.6/1A Carc. 1A H350

 A.8/1 STOT SE 1 H370

>= 20% - < 25% bis-[4-(2,3-epoxipropoxy)phenyl]propane

Index number: 603-073-00-2, CAS: 1675-54-3, EC: 216-823-5

 A.3/2A Eye Irrit. 2A H319

 A.2/2 Skin Irrit. 2 H315

 A.4.2/1 Skin Sens. 1 H317

>= 20% - < 25% Reaction Product of Phenol-Formaldehyde Novolac and Epichlorohydrin

CAS: 28064-14-4

 A.4.2/1 Skin Sens. 1 H317

>= 7% - < 10% glass oxide

CAS: 65997-17-3

 A.2/2 Skin Irrit. 2 H315

 A.8/3 STOT SE 3 H335

>= 7% - < 10% 3,6-diazaoctanethylenediamin;triethylenetetramine

Index number: 612-059-00-5, CAS: 112-24-3, EC: 203-950-6

 A.1/4/Oral Acute Tox. 4 H302

 A.2/1B Skin Corr. 1B H314


 A.4.2/1 Skin Sens. 1 H317

 A.1/4/Dermal Acute Tox. 4 H312

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>= 5% - < 7% 2-ethyl-4-methylimidazole

CAS: 931-36-2, EC: 213-234-5

 A.1/4/Oral Acute Tox. 4 H302

 A.4.2/1 Skin Sens. 1 H317

US-HAE/C3 Aquatic Chronic 3 H412

 A.3/1 Eye Dam. 1 H318

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**4. FIRST-AID MEASURES**

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of 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).

Treatment:

No particular treatment.

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**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.A.

Oxidizing properties: N.A.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

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**7. HANDLING AND STORAGE**

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature:

Store at ambient temperature.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

QUARTZ - CAS: 14808-60-7

- OEL Type: ACGIH - TWA(8h): 0.025 mg/m<sup>3</sup> - Notes: (R), A2 - Pulm fibrosis, lung cancer

3,6-diazaoctanethylenediamin;triethylenetetramine - CAS: 112-24-3

- OEL Type: OSHA - TWA: 10 ppm

- OEL Type: ACGIH - TWA: 10 ppm

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

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Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Properties	Value	Method:	Notes
Appearance and colour:	HEAVY MASTIC, OPAQUE,GR EY	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	> 260 °C / > 500 °F	--	--
Flash Point (°F):	> 450°F	--	--
Flash point (°C):	> 232°C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	0.95	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.4@20°C/68 °F	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

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#### 10. STABILITY AND REACTIVITY

Reactivity  
Stable under normal conditions

Chemical stability  
Stable under normal conditions

Possibility of hazardous reactions  
None

Conditions to avoid  
Stable under normal conditions.

Incompatible materials  
None in particular.

Hazardous decomposition products  
None.

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#### 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects  
Toxicological information of the product:  
N.A.

Toxicological information of the main substances found in the product:  
bis-[4-(2,3-epoxipropoxy)phenyl]propane - CAS: 1675-54-3  
LD50 (RAT) ORAL: 11 G/KG (11000 MG/KG)

Substance(s) listed on the NTP report on Carcinogens:  
None.

Substance(s) listed on the IARC Monographs:  
QUARTZ - Group 1  
bis-[4-(2,3-epoxipropoxy)phenyl]propane - Group 3.

Substance(s) listed as OSHA Carcinogen(s):  
None.

Substance(s) listed as NIOSH Carcinogen(s):  
QUARTZ.

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#### 12. ECOLOGICAL INFORMATION

Ecotoxicity  
Adopt good working practices, so that the product is not released into the environment.  
N.A.

Persistence and degradability  
N.A.

Bioaccumulative potential  
N.A.

Mobility in soil  
N.A.

Other adverse effects  
No harmful effects expected.

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#### 13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods  
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

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#### 14. TRANSPORT INFORMATION

UN number  
Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name  
N.A.

Transport hazard class(es)  
N.A.

Packing group  
N.A.

Environmental hazards  
ADR-Environmental Pollutant: No  
IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)  
N.A.

Special precautions  
N.A.

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#### 15. REGULATORY INFORMATION

USA - Federal regulations

- TSCA - Toxic Substances Control Act
- TSCA inventory: all the components are listed on the TSCA inventory.
- TSCA listed substances:
  - QUARTZ is listed in TSCA Section 8b
  - bis-[4-(2,3-epoxipropoxy)phenyl]propane is listed in TSCA Section 8b, Section 8d
- HSDR
  - Reaction Product of Phenol-Formaldehyde Novolac and Epichlorohydrin is listed in TSCA Section 8b
  - glass oxide is listed in TSCA Section 8b
  - 3,6-diazaoctanethylenediamin;triethylenetetramine is listed in TSCA Section 8b
  - 2-ethyl-4-methylimidazole is listed in TSCA Section 8b.
- SARA - Superfund Amendments and Reauthorization Act
  - Section 302 - Extremely Hazardous Substances: no substances listed.
  - Section 304 - Hazardous substances: no substances listed.
  - Section 313 - Toxic chemical list: no substances listed.
- CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
  - No substances listed.
- CAA - Clean Air Act
  - CAA listed substances:
    - None.
- CWA - Clean Water Act
  - CWA listed substances:
    - None.

USA - State specific regulations

- California Proposition 65
  - Substance(s) listed under California Proposition 65:
    - None.
- Massachusetts Right to know
  - Substance(s) listed under Massachusetts Right to know:
    - QUARTZ
    - 3,6-diazaoctanethylenediamin;triethylenetetramine.
- New Jersey Right to know
  - Substance(s) listed under New Jersey Right to know:



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QUARTZ

3,6-diazaoctanethylenediamin;triethylenetetramine.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

QUARTZ

3,6-diazaoctanethylenediamin;triethylenetetramine.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

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#### 16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H350 May cause cancer.

H370 Causes damage to organs.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H312 Harmful in contact with skin.

H412 Harmful to aquatic life with long lasting effects.

H318 Causes serious eye damage.

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Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.

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NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average