

Safety information sheet

Version: 1.0 EN

Crystal immersion compound TM 5262 S

Article number: D10078

This document has been prepared as a communication tool to inform downstream users about both the status of the substance under REACH and CLP, some of its essential properties and the guidance on safe use. An extended safety data sheet (SDS) is not required for this substance under Article 31 of REACH Regulation (EC) No 1272/2008, including the amending Regulation (EU) 2020/878. As a result, the format and content of this document does not comply with the framework for safety data sheets set out in Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006.

1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Crystal immersion compound TM 5262 S
CAS number	8002-74-2, 64742-51-4, 67701-03-5, 67762-27-0
EC number	232-315-6, 265-154-5, 266-928-5, 267-008-6
REACH registration	01-2119488076-XX, 01-2119480133-XX, 01-2119543709-XX, 01-2120092297-XX

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

Description/use	The product is intended for use in the chemical engineering industry and in the manufacture of candles. For further information on specific applications, please contact us at the telephone number provided – we will be happy to put you in touch with the relevant specialist department.
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1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Adress	Brookdeich 40 21029 Hamburg Germany
Telephone	+49 40 609 2387 60
E-Mail	info@distrebution.com

1.4 Emergency number

+49 40 609 2387 60 (Business hours: Mon - Thu: 8 a.m.- 5 p.m. / Fri: 8 a.m. – 4 p.m.)

2 Potential hazards

2.1 Classification of the substance or mixture

Not classified according to Chemicals Regulation (EC) Nr.1272/2008.

2.2 Label elements

Not subject to classification according to Regulation (EC) No 1272/2008.

2.3 Other hazards

Risk of skin burns from hot melt.

3 Composition/information on ingredients

Chemical characterization:	Crystal immersion compound TM 5262 S
CAS number	8002-74-2, 64742-51-4, 67701-03-5, 67762-27-0
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REACH registration	01-2119488076-XX, 01-2119480133-XX, 01-2119543709-XX, 01-2120092297-XX
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

In case of emergency, contaminated clothing should be removed immediately and thoroughly cleaned before reuse.

After eye contact

In case of contact with eyes, rinse thoroughly with plenty of water. If irritation persists, consult an ophthalmologist.

After skin contact

In case of contact with the molten product, immediately cool the affected skin area with plenty of water. Do not forcibly remove solidified product from the skin.

Inhalation or ingestion

Move the affected person to fresh air. Seek medical attention in case of discomfort or irritation of the respiratory tract. Rinse mouth thoroughly with water.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Sand, foam, dry extinguishing agent, carbon dioxide (CO₂)

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

Fine dust clouds can form explosive mixtures when combined with air.

Fires can release dangerous vapours or gases, including carbon monoxide, carbon dioxide, nitrogen oxides (NO_x), soot and various organic compounds.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Use water spray to protect people and cool containers at risk in the fire area.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personnel not trained for emergencies

Remove ignition sources. Ensure adequate ventilation or suitable respiratory protection (see Section 8). Avoid dust formation.

6.2 Environmental precautions

Prevent from entering the sewage system, surface waters or groundwater.

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Treat the collected material according to section "Disposal".

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Information on safe handling

Avoid dust formation, as fine dust clouds can form explosive mixtures with air. Ensure adequate extraction and ventilation during thermal processing.

Information on fire and explosion protection

Take appropriate measures to prevent electrostatic charging. The product can only form flammable mixtures or burn if it is heated to temperatures above its flash point.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Technical measures and storage conditions. Only containers approved for the substance, product or corresponding product group may be used. Ensure adequate room and process ventilation.

7.3 Information on storage in one common storage facility

Do not store together with oxidising agents. Store containers in a cool, well-ventilated place.

Fire class B

Storage class 11: Combustible solids

7.4 Specific end uses

Refer to the technical data sheet.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No parameters to be monitored.

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

Ensure good ventilation of the workplace.

8.2.2 Personal protective equipment

Respiratory protection

If aerosols or mists are formed, use a mask with filter type A2, A2/P2 or ABEK.

Hand protection

Protective gloves must be selected according to other chemicals used. Preventive hand protection is recommended. Regular use of skin protection cream is advised.

Eye protection

Safety glasses with side protection.

Other protective measures

In case of possible contact with hot product, wear heat-resistant, flame-retardant protective clothing. When handling chemicals, observe the generally accepted hygiene rules. Wash hands thoroughly after work and before breaks. Clean wax-contaminated skin with water and mild, skin-friendly cleaning agents. Avoid inhaling wax vapours.

Limitation and supervision of exposure to the environment

Avoid release into the environment.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid
Colour	Whitish to light yellow
Odour	Weak, characteristic
pH value	No data available
Dropping point	45–75°C
Boiling point	No data available
Vapour pressure	No data available
Density at 20°C	Approx. 0.9 g/cm ³
Water solubility	Insoluble
Viscosity at 120°C	< 30 mPas
Flash point	> 180°C
Ignition temperature	No data available
Spontaneous combustibility	Not determined / only above the flash point
Explosive properties	Fine dust clouds can form explosive mixtures with air
Explosion hazard	Only in aerosol / dust form
Oxidising properties	No data available

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Vapour density

No data available

Evaporation rate

No data available

9.2 Other information

No data available.

10 Stability and reactivity

10.1 Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions are to be expected if used as intended.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Under normal storage and use conditions, no hazardous decomposition products should be formed.

11 Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute oral toxicity	No data available
Acute dermal toxicity	No data available
Acute inhalation toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	No data available
Specific target organ toxicity (repeated exposure)	No data available
Aspiration hazard	No data available

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11.2 Information on other hazards

Endocrine disrupting properties

No data available

12 Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

12.8 Additional ecotoxicological effects

When properly discharged into appropriately adapted biological sewage treatment plants, no impairment of the treatment performance is to be expected. The product can be removed from wastewater mainly by mechanical means. Removal occurs mainly through adsorption to sewage sludge.

12.9 Other information

Do not allow the product to enter the environment in an uncontrolled manner.

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

Disposal must be carried out in accordance with local regulations and in consultation with an approved waste disposal company. The waste code number in accordance with the European Waste Catalogue (2000/532/EC) must be assigned in consultation with the waste disposal company or the relevant authorities.

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Disposal of packaging

Uncontaminated and completely empty packaging can be recycled. Packaging that is not completely empty or contaminated must be disposed of in the same way as the product itself.

14 Transport information

14.1 UN number or ID number

Not classified as dangerous goods according to transport regulations (ADN, ADR, RID, IMDG, IATA).

14.2 Proper UN shipping name

No information available.

14.3 Transport ICAO-TI / IATA

No information available.

14.4 Packing group

No information available.

14.5 Environmental hazards

No information available.

14.6 Special precautions for user

No information available.

14.7 Transport in bulk by sea according to IMO regulations

No data available.

14.8 Transport/further information

No information available.

15 Legislation

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations

The product is not subject to labelling requirements according to EC/1272/2008 (current version).

15.1.2 National regulations

Water hazard class

nwg - not hazardous to water

Major Accidents Ordinance

Annex I: Hazardous ingredients not specifically mentioned (Major Accidents Ordinance 2000)

TI Air

Not applicable

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

16 Other information

16.1 Abbreviations and acronyms

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG - International Maritime Dangerous Goods Code

IATA - International Air Transport Association

ICAO-TI - International Civil Aviation Organization Technical Instructions

CLP - Classification, Classification, Labeling and Packaging of Substances and Mixtures

GHS - Globally Harmonized System of Classification and Labeling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service (registration number)

REACH - Registration, Evaluation, Authorization and Restriction of Chemicals, Registration, Evaluation, Authorization and Restriction of Chemicals

PBT - Persistent, Bioaccumulative and Toxic

vPvB - Very Persistent and Very Bioaccumulative

PNEC - Predicted No Effect Concentration
PBT - Persistent, Bioaccumulative and Toxic

vPvB - Very Persistent and Very Bioaccumulative

16.2 SVHC

The substances on the ECHA list (<http://echa.europa.eu/en/candidate-list-table>) are neither expected to be present in our products nor are they intentionally used in the production process. Our products do not come into contact with these substances during production. However, it is not possible to completely rule out traces of these substances: due to natural impurities or raw material-related properties, an unintentional content of less than 0.1% cannot be completely ruled out.

16.3 Note for users

The information in this data sheet is based on our current knowledge at the time of the last revision. The user is responsible for checking the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee for specific properties of the product. As we have no direct influence on the use of the product, the user is obliged to comply

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with all applicable laws, regulations and safety and hygiene provisions on his own responsibility. We accept no liability for improper use. Personnel entrusted with the handling of chemicals must be appropriately trained.