29.09.2025

DistrEbution

Safety information sheet

Version: 1.0 EN

Wax additiv to prevent crystal structure in paraffin candles

Article number: D10391

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.

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1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Wax additive to prevent crystal structure in paraffin candles
CAS number	64742-51-4, 24937-78-8
EC number	265-154-5, except
REACH registration	01-2119480133-46, except

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

Description/use	The product is intended for industrial use for further processing or as a raw material for production. For further information on specific applications, please contact us on the telephone number given - we will be happy to put you in touch with the relevant specialist department.

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 oft he 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

Additional safety instructions for humans and the environment:

Risk of skin burns from hot melt.

3 Composition/information on ingredients

Chemical characterization:	Wax additive to prevent crystal structure in paraffin candles; paraffin and polymer wax
CAS number	64742-51-4, 24937-78-8
EC number	265-154-5, except
REACH registration	01-2119480133-46, except
Hazardous ingredients	-
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

General information

Remove contaminated and soaked clothing.

After eye contact

In case of contact with eyes, rinse immediately with plenty of water.

If irritation persists, consult an ophthalmologist.

After skin contact

After contact with the molten product, immediately cool the affected skin area with water. Do not remove solidified material from the skin.

Inhalation or ingestion

Move the affected person to fresh air. Consult a doctor if respiratory irritation occurs. 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. Treat symptomatically.

5 Firefighting measures

5.1 Eytinguishing agents

Suitable extinguishing agents

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

Unsuitable extinguishing agents

Full water jet, water

5.2 Special hazards arising from the substance or mixture

Fine dust particles can form explosive mixtures in the air.

In the event of a fire, dangerous vapours and gases can be produced, including carbon monoxide, nitrogen oxides (NOX), soot and other organic compounds.

5.3 Advice fo firefighters

Protective equipment for firefighting

In case of fire, wear self-contained breathing apparatus.

Additional information

For personal safety and to cool endangered containers, use a water spray.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove sources of ignition, ensure adequate ventilation/respiratory protection, avoid dust formation.

6.2 Environmental precautions

Do not allow to enter the ground / soil / sewage system or waterways.

6.3 Methods and material for containment and cleaning up

Allow to solidify. Collect mechanically. Treat the collected material in accordance with the disposal section.

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

Avoid dust formation, as fine dust clouds in the air can form explosive mixtures. During thermal processing, ensure effective extraction of vapours or adequate ventilation.

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

7.2 Conditions for safe storage, including any incompatibilites

7.2.1 Requirements for storage rooms and containers

Only use approved containers fort he respective substance, product or product group. Ensure adequate ventilation of the storage room.

7.2.2 Storage compatibility information

Substances to avoid	Oxidising agents
Further information on storage conditions	Store containers in a cool, well-ventilated place
Fire class	B
Storage classe	11 (combustible solids)

7.3 Specific end uses

Please refer tot he technical data sheet.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

National occupational exposure limits: No data available.

European occupational exposure limits: No data available.

Technical protective measures: During thermal processing, ensure extraction of vapours and adequate ventilation.

PNEC values: No data available.

DNEL values: No data available.

8.2 Limitation and monitoring of exposure

8.2.1 Apprpriate engineering controls

Ensure good ventilation.

8.2.2 Personal protective equipment

8.2.2.1 Respiratory protection

Respiratory protection in case of aerosol or mist formation: Use a mask with filter type A2, A2/P2 or ABEK.

8.2.2.2 Hand protection

Match hand protection to other chemicals used.

Preventive hand protection is recommended.

Regular use of skin protection cream is recommended.

8.2.2.3 Eye protection

Use safety goggles with side protection.

8.2.2.4 Body protection

If contact with a hot product is possible, wear heat-resistant, flame-retardant protective equipment.

8.2.2.5 Hygiene measures

Observe the usual precautions for handling chemicals. After work and before meal breaks, clean any wax-contaminated skin with water and skin-friendly cleaning agents. Avoid inhaling wax vapours.

8.2.3 Thermal hazards

Do not heat above the flash point.

8.2.4 Environmental exposure controls

Avoid release to the environment.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Solid
Colour	Light yellow to yellow
Odour	Weakly typical
pH value	Not applicable
Dropping point (DIN ISO 2176)	70–120°C
Boiling point	Not determined
Vapour pressure	Not determined
Density at 20°C (DIN 53217)	Approx. 0.90 g/cm3

Solubility in water	Insoluble
Viscosity at 120°C (DIN 53019)	< 500 mPas
Flash point (DIN ISO 2592)	> 150°C
Ignition temperature	Not determined
Spontaneous combustibility	Not determined
Explosive properties	Fine dust clouds may form explosive mixtures with air
Explosion hazard	Only in aerosol/dust form
Oxidising properties	None known
Vapour density	Not applicable
Evaporation rate	Not applicable

9.2 Other information

9.2.1 Information on physical hazard class

No further information available

9.2.2 Other safety-related parameters

No further information available

10 Stability and reactivity

10.1 Reactivty

This 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 known under normal conditions of use.

10.4 Conditions to avoid

Do not heat above the flash point.

10.5 Incompatible materials

Strong oxidising agents

10.6 Hazardous decomposition products

Under normal storage and application 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

11.2 Information on other hazards

No data available

11.3 Endocrine disrupting properties

No data available

11.4 Other information

Data obtained by analogy (QSAR)

12 Environmental information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulatiove 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 ecological effects

According to REACH Regulation (EC) No. 1272/2008 in its current version, including Amendment Regulation (EU) 2020/878:

When properly discharged into suitable biological sewage treatment plants, no adverse effects on plant operation are to be expected. The product can be removed mechanically for the most part, with elimination occurring mainly through absorption into the sewage sludge.

12.9 General information

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

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

The product can be disposed of in accordance with applicable local regulations, e.g. via a suitable incineration plant.

Waste code number in accordance with the Waste Catalogue Regulation (AVV)

No uniform waste code number can be assigned to this product in accordance with the European Waste Catalogue (2000/532/EC), as the exact classification depends on the respective intended use. The waste code number must be determined in consultation with the waste disposal company, the manufacturer or the competent authority.

Packaging disposal

Uncontaminated and completely emptied packaging must be recycled. Packaging that cannot be cleaned must be disposed of properly.

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 Official UN transport name

Not applicable

14.3 Transport hazard classes

Not applicable

14.4 Packaging group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Land transport	Not applicable
Sea transport	Not applicable
Air transport	Not applicable
Inland waterway transport	Not applicable
Rail transport	Not applicable

14.7 Transport in bulk by sea according to IMO regulations

Not applicable

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

Accident Regulation	Appendix I: Hazardous substances not specified by name (StörfallV 2000)
TA Luft (Technical Instructions on Air Quality Control)	Not applicable
Water Hazard Class	nwg: not hazardous to water according to AwSV

15.2 Chemical safety assessment

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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 ConcentrationPBT - 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 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.