

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 16.11.2022

Version number 6 (replaces version 5)

Revision: 16.11.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
 - Trade name: **Düsofix anti-spatter paste**
 - 1.2 Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the mixture
 - 1.3 Details of the supplier of the safety data sheet
 - Manufacturer/Supplier:
 - Further information obtainable from:
 - 1.4 Emergency telephone number:
- Identified use: intended for professional use only!
 Coating
 ABICOR-BINZEL (UK) Ltd. Mill Lane
 Winwick Quay, Warrington WA28UA UK
 Contact Person: Kevin Chudley
 Email: kevin.chudley@binzel-abicor.co.uk
 Contact Number: 01925 653944
 Technical Documentation
 Medical Emergency information in case of poisoning:
 Poison Information Center Mainz - 24 h - Phone: +49 (0) 6131 19240
 (advisory service in German or English language)

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
 - Classification according to Regulation (EC) No 1272/2008
 - 2.2 Label elements
 - Labelling according to Regulation (EC) No 1272/2008
 - Hazard pictograms
 - Signal word
 - Hazard statements
 - 2.3 Other hazards
 - Results of PBT and vPvB assessment
 - PBT:
 - vPvB:
- The product is not classified, according to the GB CLP regulation.
 Void
 Void
 Void
 Void
 Not applicable.
 Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
 - Description:
 - Dangerous components:
 - Additional information:
- Mixture: consisting of the following components.
 Void
 For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- 4.1 Description of first aid measures
 - General information:
 - After inhalation:
 - After skin contact:
 - After eye contact:
 - After swallowing:
 - 4.2 Most important symptoms and effects, both acute and delayed
 - 4.3 Indication of any immediate medical attention and special treatment needed
- Immediately remove any clothing soiled by the product.
 Do not leave affected persons unattended.
 Personal protection for the First Aider.
 Take affected persons out of danger area and lay down.
 In case of unconsciousness place patient stably in side position for transportation.
 Supply fresh air; consult doctor in case of complaints.
 Immediately wash with water and soap and rinse thoroughly.
 Seek medical treatment in case of complaints.
 Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 Protect unharmed eye.
 If symptoms persist consult doctor.
 No further relevant information available.
 No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
 - Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 Use fire extinguishing methods suitable to surrounding conditions.

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- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
 - CO₂
 - Formation of toxic gases is possible during heating or in case of fire.
 - Nitrogen oxides (NO_x)
 - Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
- **6.2 Environmental precautions:** Prevent from spreading (e.g. by damming-in or oil barriers). Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Do not flush with water or aqueous cleansing agents
- **6.4 Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Store in cool, dry place in tightly closed receptacles. Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:** Store in dry conditions. Keep container tightly sealed. Recommended storage temperature: 5-30 °C
- **Storage class:** 10
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see item 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
- **Respiratory protection:** When used properly and under normal conditions, breathing protection is not required. Use suitable respiratory protective device in case of insufficient ventilation. Filter A/P2
Respiratory protection - Gas filters and combination filters according to (DIN EN 141)

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- Hand protection



Protective gloves

Check protective gloves prior to each use for their proper condition. Only use chemical-protective gloves with CE-labelling of category III. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. After use of gloves apply skin-cleaning agents and skin cosmetics.

- Material of gloves

Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.1 mm
Penetration time (min.): < 10

- Penetration time of glove material

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

- Eye/face protection



Tightly sealed goggles

- Body protection:

Protective goggles and facial protection - Classification according to EN 166 protective clothing (EN 13034)

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Physical state

Solid

- Colour:

Cream coloured

- Odour:

Nearly odourless

- Odour threshold:

Not determined.

- Melting point/freezing point:

40-80 °C

- Boiling point or initial boiling point and boiling range

Undetermined.

- Flammability

Not applicable.

- Lower and upper explosion limit

- Lower:

Not determined.

- Upper:

Not determined.

- Flash point:

> 150 °C

- Decomposition temperature:

Not determined.

- pH

Not determined.

- Viscosity:

Not applicable.

- Kinematic viscosity

Not determined.

- Dynamic:

Not applicable.

Not determined.

Not applicable.

- Solubility

- water:

Not miscible or difficult to mix.

- Partition coefficient n-octanol/water (log value)

Not determined.

- Density and/or relative density

- Density at 20 °C:

0.82 g/cm³

- Relative density

Not determined.

- Vapour density

Not determined.

- Particle characteristics

See item 3.

- 9.2 Other information

- Appearance:

- Form:

Pasty

- Important information on protection of health and environment, and on safety.

- Auto-ignition temperature:

Product is not selfigniting.

- Explosive properties:

Product does not present an explosion hazard.

- Change in condition

- Evaporation rate

Not determined.

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- Information with regard to physical hazard classes
- Explosives Void
- Flammable gases Void
- Aerosols Void
- Oxidising gases Void
- Gases under pressure Void
- Flammable liquids Void
- Flammable solids Void
- Self-reactive substances and mixtures Void
- Pyrophoric liquids Void
- Pyrophoric solids Void
- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability No further relevant information available.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.

- LD/LC50 values relevant for classification:

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

- Skin corrosion/irritation Based on available data, the classification criteria are not met.

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- | | |
|--|---|
| <ul style="list-style-type: none"> - Serious eye damage/irritation - Respiratory or skin sensitisation - Germ cell mutagenicity - Carcinogenicity - Reproductive toxicity - STOT-single exposure - STOT-repeated exposure - Aspiration hazard - 11.2 Information on other hazards | <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> <p>Based on available data, the classification criteria are not met.</p> |
|--|---|

- Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- 12.1 Toxicity

- Aquatic toxicity:

LC50/96 h	>100 mg/l (Pimephales promelas)
EC50	>10,000 mg/l (Daphnia magna)

- | | |
|---|---|
| <ul style="list-style-type: none"> - 12.2 Persistence and degradability - 12.3 Bioaccumulative potential - 12.4 Mobility in soil - 12.5 Results of PBT and vPvB assessment - PBT: - vPvB: - 12.6 Endocrine disrupting properties - 12.7 Other adverse effects - Additional ecological information: - General notes: | <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>No further relevant information available.</p> <p>Not applicable.</p> <p>Not applicable.</p> <p>The product does not contain substances with endocrine disrupting properties.</p> <p>Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water</p> |
|---|---|

SECTION 13: Disposal considerations

- | | |
|--|---|
| <ul style="list-style-type: none"> - 13.1 Waste treatment methods - Recommendation | <p>Disposal according to official regulations
On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste.</p> |
|--|---|
- | | |
|----------------------------|----------------------|
| - European waste catalogue | |
| 12 01 12* | spent waxes and fats |
| 15 01 04 | metallic packaging |
- | | |
|---|---|
| <ul style="list-style-type: none"> - Uncleaned packaging: - Recommendation: | <p>Disposal must be made according to official regulations.</p> |
|---|---|

SECTION 14: Transport information

- | | |
|-------------------------------------|-----------------|
| - 14.1 UN number or ID number | Void |
| - ADR, ADN, IMDG, IATA | |
| - 14.2 UN proper shipping name | Void |
| - ADR, ADN, IMDG, IATA | |
| - 14.3 Transport hazard class(es) | Void |
| - ADR, ADN, IMDG, IATA | |
| - Class | Void |
| - 14.4 Packing group | Void |
| - ADR, IMDG, IATA | |
| - 14.5 Environmental hazards: | |
| - Marine pollutant: | No |
| - 14.6 Special precautions for user | Not applicable. |

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- 14.7 Maritime transport in bulk according to IMO instruments Not applicable.

- UN "Model Regulation": Void

SECTION 15: Regulatory information

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

- Directive 2012/18/EU

- Named dangerous substances - ANNEX I None of the ingredients is listed.

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- REGULATION (EU) 2019/1148

- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

- Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

- Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The safety data sheet issued is also compliant with the regulation Annex I of Regulation (EU) no. 453/2010 and Annex II of Regulation (EU) no. 2020/878.

- Department issuing SDS: Technical Documentation

- Contact: Technical Documentation

- Date of previous version: 30.11.2021

- Version number of previous version: 5

- Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

- Sources

- www.echa.europa.eu

- www.baua.de

IFA: Institute für Occupational Safety and Health of the German Social Accident Insurance:

- www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index.jsp

- www.dguv.de/ifa/gestis/gestis-dnel-liste

- * Data compared to the previous version altered.