



BE SURE. BUILD SURE.

Page 1/8

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34



Revision: 07.12.2024

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

- **Product identifier**
- **Trade name** Ortolan Classic 725
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533
- **Informing department:** msds@mc-bauchemie.de

2 Hazards identification

- **Classification of the substance or mixture**
Acute Tox. 5 H313 May be harmful in contact with skin.
Acute Tox. 5 H333 May be harmful if inhaled.
Skin Sens. 1 H317 May cause an allergic skin reaction.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS07 GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:** Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%)
Octene, hydroformylation products, high-boiling
White mineral oil, petroleum
- **Hazard statements** H313 May be harmful in contact with skin.
H333 May be harmful if inhaled.
H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34

Revision: 07.12.2024

Trade name Ortolan Classic 725

(Contd. of page 1)

- **Precautionary statements**
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P280 Wear protective gloves.
 - P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 - P321 Specific treatment (see on this label).
 - P331 Do NOT induce vomiting.
 - P362+P364 Take off contaminated clothing and wash it before reuse.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

	Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%) Asp. Tox. 1, H304; Acute Tox. 5, H303; Acute Tox. 5, H313; Acute Tox. 5, H333	30-60%
CAS: 8042-47-5	White mineral oil, petroleum Asp. Tox. 1, H304	30-60%
CAS: 68526-89-6	Octene, hydroformylation products, high-boiling Skin Sens. 1B, H317; Acute Tox. 5, H303; Acute Tox. 5, H313	10-30%
CAS: 8002-26-4	Tall oil Acute Tox. 5, H303; Acute Tox. 5, H313	<1.5%
CAS: 68920-66-1	ethoxylierter Fettalkohol Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥0.1-<0.5%
CAS: 39464-69-2	Poy(oxy)-1,2-ethanediyl),alpha-9-octadecenyl-omega-hydroxy(Z), phosphate Eye Dam. 1, H318; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	<0.25%

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **After inhalation** Take the person out into the fresh air.
- **After skin contact** Remove contaminated clothing immediately. Clean with plenty of soap and water. Do not use thinner or similar.
- **After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34

Revision: 07.12.2024

Trade name Ortolan Classic 725

(Contd. of page 2)

- **After swallowing** If swallowed, there is a risk of serious lung damage: hospitalisation necessary!
- **Information for doctor** Do not induce vomiting, do not give anything to drink.
- **Indication of any immediate medical attention and special treatment needed** Risk of pulmonary oedema or pneumonitis in case of aspiration
- **Protective equipment:** If swallowed or in case of vomiting, danger of entering the lungs

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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 information on disposal.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Prevent formation of aerosols.
Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store containers tightly closed in a well-ventilated and well-lit room.
Access only for authorised personnel.
Do not store in break rooms, recreation rooms or sanitary facilities

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34

Revision: 07.12.2024

Trade name *Ortolan Classic 725*

- (Contd. of page 3)
- **Information about storage in one common storage facility:** *or in stairwells, corridors, escape and rescue routes, passageways, thoroughfares and confined spaces.*
 - **Further information about storage conditions:** *Combined storage bans apply from a total storage quantity of 200 kg.*
 - **Storage class** *Protect from heat and direct sunlight.
10*

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** *No further data; see section 7.*
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*
- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!
Avoid contact with eyes, skin and clothing!
Clean hands thoroughly after work and before cleaning!
Use skin care products after work (moisturising cream).
Do not put oil-soaked cleaning cloths in the pockets of work clothes!
Change and clean heavily soiled clothing!*
- **Breathing equipment:** *Particle filters A1/P2 or A2/P2 are recommended for use in the spraying process (with heavy aerosol formation). If the limit value is exceeded, e.g. on a full face mask: combination filter A2/P2 (brown/white)*
- **Protection of hands:** *Gloves made of: Nitrile rubber.
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).
When wearing protective gloves, cotton undergloves are recommended.*
- **Material of gloves** *Nitrile rubber, NBR*
- **Penetration time of glove material** *The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.*
- **Eye protection:** *Closed safety goggles. For spray applications: Protective shield*

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34

Revision: 07.12.2024

Trade name Ortolan Classic 725

· **Body protection:** Wear a plastic apron when spraying.

(Contd. of page 4)

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Fluid
Colour:	Light yellow
Smell:	Product specific

pH-value:	Not applicable. Not determined.
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· **Change in condition**

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined

Flash point:	141 °C
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Self-inflammability:	Product is not selfigniting.
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Explosive properties:	Product is not explosive.
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Steam pressure at 20 °C:	0 hPa
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Density at 20 °C	0.84 g/cm ³
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· **Solubility in / Miscibility with Water:**

Partly miscible

· **Viscosity:**

dynamic:	Not determined.
kinematic at 40 °C:	5.57 mm ² /s

· **Other information**

No further relevant information available.

10 Stability and reactivity

· **Reactivity**

No further relevant information available.

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions**

No dangerous reactions known

· **Conditions to avoid**

No further relevant information available.

· **Incompatible materials:**

No further relevant information available.

· **Hazardous decomposition products:**

No dangerous decomposition products known

AE

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 11.12.2024

Version number 34

Revision: 07.12.2024

Trade name **Ortolan Classic 725**

(Contd. of page 5)

11 Toxicological information

- Information on toxicological effects
- Acute toxicity

- LD/LC50 values that are relevant for classification:

Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%)

Oral	LD50	>4150 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	>5.28 mg/l (rat) (Staub/Nebel)

CAS: 68526-89-6 Octene, hydroformylation products, high-boiling

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

CAS: 8002-26-4 Tall oil

Oral	LD50	>2000 mg/kg (rat)
	NOAEL	>200 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
	NOAEL	>50 mg/kg (rat)

- Primary irritant effect:
- Serious eye damage/irritation No irritant effect.
- Respiratory or skin sensitisation No sensitizing effect known.
- Additional toxicological information: The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes: Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

AE

(Contd. on page 7)

Safety data sheet

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Trade name Ortolan Classic 725

(Contd. of page 6)

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*
- **Uncleaned packagings:**
- **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

14 Transport information

- | | |
|---|-----------------|
| · UN-Number | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Class | Void |
| · Packing group | Void |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

15 Regulatory information

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

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 8)



BE SURE. BUILD SURE.

Page 8/8

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

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Version number 34

Revision: 07.12.2024

Trade name *Ortolan Classic 725*

(Contd. of page 7)

· **Department issuing data
specification sheet:**

Environment protection department.

· **Contact:**

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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

Acute Tox. 5: Acute toxicity – Category 5

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1B: Skin sensitisation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

· *** Data compared to the
previous version altered.**

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