

## Safety data sheet

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

Printing date 23.05.2024

Version number 42 (replaces version 41)

Revision: 25.04.2024

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

· **1.1 Product identifier**

· **Trade name** *Ortolan Classic 731*

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

· **Sector of Use** *SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)*

· **Application of the substance / the mixture** *Coating*

· **1.3 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*

· **1.4 Emergency telephone number:** *Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +1 872 5888271 (MCR)*

### SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**

· **Classification according to Regulation (EC) No 1272/2008**

*Skin Sens. 1 H317 May cause an allergic skin reaction.*

*Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.*

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** *The product is classified and labelled according to the GB CLP regulation.*

· **Hazard pictograms**



GHS07 GHS08

· **Signal word**

*Danger*

· **Hazard-determining components of labelling:**

*Octene, hydroformylation products, high-boiling  
Distillates (petroleum), hydrotreated light paraffinic  
decane  
Distillates (petroleum),*

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- **Hazard statements** *H317 May cause an allergic skin reaction.*
- **Precautionary statements** *H304 May be fatal if swallowed and enters airways.*  
*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.*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

### SECTION 3: Composition/information on ingredients

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

· **Dangerous components:**

CAS: 64742-55-8 EINECS: 265-158-7 Reg.nr.: 01-2119487077-29	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	10-30%
CAS: 68526-89-6	Octene, hydroformylation products, high-boiling Skin Sens. 1B, H317	10-30%
CAS: 124-18-5 EINECS: 204-686-4	decane Flam. Liq. 3, H226; Asp. Tox. 1, H304	10-30%
CAS: 64742-56-9 EINECS: 265-159-2	Distillates (petroleum), Asp. Tox. 1, H304	10-30%

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

### SECTION 4: First aid measures

- **4.1 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!*
- **After swallowing** *If swallowed, there is a risk of serious lung damage: hospitalisation necessary!*  
*Do not induce vomiting, do not give anything to drink.*
- **Information for doctor** *Risk of pulmonary oedema or pneumonitis in case of aspiration*

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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 information on disposal.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** 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.
- **7.2 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 or in stairwells, corridors, escape and rescue routes, passageways, thoroughfares and confined spaces.
- **Information about storage in one common storage facility:** Combined storage bans apply from a total storage quantity of 200 kg.

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- **Further information about storage conditions:**
- **Storage class**

Protect from heat and direct sunlight.  
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### SECTION 8: Exposure controls/personal protection

- **8.1 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.

- **8.2 Exposure controls**
- **Appropriate engineering controls**

No further data; see section 7.

- **Individual protection measures, such as 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)

- **Hand protection**

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.

- **Penetration time of glove material**

The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.

- **Eye/face protection**

Closed safety goggles. For spray applications: Protective shield

- **Body protection:**

Wear a plastic apron when spraying.

- **Skin protection**

Use fat-free or low-fat (oil-in-water emulsion) skin protection ointment for all uncovered parts of the body!

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

· Colour:	Light yellow
· Smell:	Product specific
· Odour threshold:	Not determined.
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	179 °C (CAS: 124-18-5 decane)
· Flammability	Not applicable.
· Lower and upper explosion limit	
· Lower:	0.7 Vol % (CAS: 124-18-5 decane)
· Upper:	5.4 Vol % (CAS: 124-18-5 decane)
· Flash point:	Not applicable
· Auto-ignition temperature:	205 °C (CAS: 124-18-5 decane)
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity at 40 °C	4.1 mm <sup>2</sup> /s
· dynamic:	Not determined.
· Solubility	
· Water:	Not miscible or difficult to mix
· Partition coefficient n-octanol/water (log value)	Not determined.
· Steam pressure at 20 °C:	1.9 hPa (CAS: 124-18-5 decane)
· Density and/or relative density	
· Density at 20 °C	0.83 g/cm <sup>3</sup>
· Relative density	Not determined.
· Vapour density	Not determined.

#### 9.2 Other information

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Change in condition	
· Evaporation rate	Not determined.

#### Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void

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· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **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 that are relevant for classification:**

**CAS: 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic**

Dermal	LD50	>5000 mg/kg (rat)
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**CAS: 68526-89-6 Octene, hydroformylation products, high-boiling**

Oral	LD50	>2000 mg/kg (rat)
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Dermal	LD50	>2000 mg/kg (rat)
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**CAS: 124-18-5 decane**

Oral	LD50	>5000 mg/kg (rat)
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Dermal	LD50	>5000 mg/kg (rabbit)
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Inhalative	LC50/4 h	72.3 mg/l (mouse)
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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** May be fatal if swallowed and enters airways.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN number or ID number**
- **ADR, IMDG, IATA** Void
- **14.2 UN proper shipping name**
- **ADR, IMDG, IATA** Void

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- |   |                 |
|---|-----------------|
| · <b>14.3 Transport hazard class(es)</b>                              |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | Void            |
| · <b>14.4 Packing group</b>   |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>14.5 Environmental hazards:</b>                                  | Not applicable. |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>                                       | Void            |

## SECTION 15: Regulatory information

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

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I**

None of the ingredients is listed.

- **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

- **Relevant phrases**

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

- **Department issuing data specification sheet:**

Environment protection department.

- **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)

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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

Flam. Liq. 3: Flammable liquids – Category 3

Skin Sens. 1: Skin sensitisation – Category 1

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

Asp. Tox. 1: Aspiration hazard – Category 1

· \* Data compared to the  
previous version altered.

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