



BE SURE. BUILD SURE.

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

Printing date 30.05.2025


Version number 32

Revision: 30.05.2025

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

- **Product identifier**
- **Trade name** Ortolan Extra 791
- **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
- **Informing department:** MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533
- **Emergency telephone number:** msds@mc-bauchemie.de
Tel.: +49 / (0)700 24112112 (MCR)
Tel.: +1 872 5888271 (MCR)

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.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**

GHS07
- **Signal word** Warning
- **Hazard-determining components of labelling:** Octene, hydroformylation products, high-boiling
- **Hazard statements** H313 May be harmful in contact with skin.
H333 May be harmful if inhaled.
H317 May cause an allergic skin reaction.
- **Precautionary statements** P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P280 Wear protective gloves.

P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P321 Specific treatment (see on this label).

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **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: 8002-74-2	Paraffin waxes and Hydrocarbon waxes	<10%
CAS: 8002-26-4	Tall oil Acute Tox. 5, H303; Acute Tox. 5, H313	<2.5%

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!

· **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.

Risk of pulmonary oedema or pneumonitis in case of aspiration

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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).
- **Reference to other sections** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
No special precautions necessary if used correctly.
- **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.
- **Further information about storage conditions:** None.
- **Storage class** 10

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.

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· **Control parameters**

· **Components with critical values that require monitoring at the workplace:**

CAS: 8002-74-2 Paraffin waxes and Hydrocarbon waxes

REL (USA)	Long-term value: 2 mg/m ³
TLV (USA)	Long-term value: 2 mg/m ³
WEL (Great Britain)	Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³

· **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

· **Body protection:**

Wear a plastic apron when spraying.

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Pasty

Colour: Yellow

· **Smell:** Characteristic

· **pH-value:** Not determined.

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· Change in condition	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	218-800 °C
· Flash point:	>100 °C
· Auto-ignition temperature:	325-355 °C
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Steam pressure at 20 °C:	≤0.1 hPa
· Density at 20 °C	0.85 g/cm ³
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Viscosity:	
dynamic:	Not determined.
kinematic at 40 °C:	28.3 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

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)

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

Oral LD50 >2000 mg/kg (rat)

Dermal LD50 >2000 mg/kg (rat)

CAS: 8002-74-2 Paraffin waxes and Hydrocarbon waxes

Dermal LD50 >5000 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 is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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.

· **Other information** Paraffine sind nach der OECD Richtlinie 301 B innerhalb von 28 Tagen biologisch abbaubar.

· **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.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Waste disposal key number:** 54207
Bez.: Wachsabfälle
- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.
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.
· Transport/Additional information:	Not dangerous according to the above specifications.
· 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.

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· **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 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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