



BE SURE. BUILD SURE.

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

Printing date 10.12.2024

Version number 36 (replaces version 35)

Revision: 07.12.2024

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

· **1.1 Product identifier**

· **Trade name** Ortolan Extra 721

· **Article number:** 942

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

No further relevant information available.

· **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**

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 CLP regulation.

· **Hazard pictograms**



GHS08

· **Signal word**

Danger

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

Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum),
decane

· **Hazard statements**

H304 May be fatal if swallowed and enters airways.

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- **Precautionary statements**
 - P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
 - P331 *Do NOT induce vomiting.*
 - P405 *Store locked up.*
 - P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **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	<i>Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304</i>	30-60%
CAS: 64742-56-9 EINECS: 265-159-2	<i>Distillates (petroleum), Asp. Tox. 1, H304</i>	10-30%
CAS: 124-18-5 EINECS: 204-686-4	<i>decane Flam. Liq. 3, H226; Asp. Tox. 1, H304</i>	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**
- **General information** *Immediately remove any clothing contaminated with the product.
Take affected persons into the open air.*
- **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*
- **4.3 Indication of any immediate medical attention and special treatment needed** *If swallowed or in case of vomiting, danger of entering the lungs*



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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **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:** Prevent material from reaching sewage system, holes and cellars. Inform respective authorities in case product reaches water or sewage system.
- **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** No dangerous materials are released.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Prevent formation of aerosols.
- **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.
- **Further information about storage conditions:** Keep container tightly closed in a well-ventilated place.

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· Storage class

10

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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.

- Material of gloves
- Penetration time of glove material

Nitrile rubber, NBR

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!

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Colour:

Yellow

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· Smell:	Characteristic
· Melting point/freezing point:	Not determined Not applicable
· Boiling point or initial boiling point and boiling range	179 °C (CAS: 124-18-5 decane)
· 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:	70 °C
· Auto-ignition temperature:	205 °C (CAS: 124-18-5 decane)
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· dynamic:	Not determined.
· Solubility	
· Water:	Not miscible or difficult to mix
· Steam pressure at 20 °C:	1.9 hPa (CAS: 124-18-5 decane)
· Density and/or relative density	
· Density at 20 °C	0.86 g/cm ³
· 9.2 Other information	<i>T R G S 4 0 4 B e w e r t u n g v o n Kohlenwasserstoffdämpfen in der Luft am Arbeitsplatz: Gruppe 1</i>
· 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.
· 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

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· **Desensitised explosives**

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: 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)
------------	----------	-------------------

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **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.



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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.*
- | · European waste catalogue | |
|-----------------------------------|---|
| 13 00 00 | OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19) |
| 13 02 00 | waste engine, gear and lubricating oils |
| 13 02 05* | mineral-based non-chlorinated engine, gear and lubricating oils |
- **Uncleaned packagings:**
 - **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

SECTION 14: Transport information

- | | |
|---------------------------------------|------|
| · 14.1 UN number or ID number | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | Void |

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- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **14.4 Packing group**
- **ADR, IMDG, IATA** Void
- **14.5 Environmental hazards:**
- **Marine pollutant:** No
- **14.6 Special precautions for user** Not applicable.
- **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** No further relevant information available.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3

· **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

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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- **Relevant phrases** H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.

- **Department issuing data specification sheet:** Environment protection department.
- **Date of previous version:** 15.10.2021
- **Version number of previous version:** 35
- **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
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
Asp. Tox. 1: Aspiration hazard – Category 1

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

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