

## Safety data sheet according to UK REACH

Printing date 15.09.2024

Version number 34 (replaces version 33)

Revision: 15.09.2024

### 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 GB 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.

(Contd. on page 2)

## Safety data sheet according to UK REACH

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Version number 34 (replaces version 33)

Revision: 15.09.2024

**Trade name** Ortolan Extra 721

- (Contd. of page 1)
- **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	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	30-60%
CAS: 64742-56-9 EINECS: 265-159-2	Distillates (petroleum), Asp. Tox. 1, H304	10-30%
CAS: 124-18-5 EINECS: 204-686-4	decane Flam. Liq. 3, H226; 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**
- **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.  
Risk of pulmonary oedema or pneumonitis in case of aspiration
- **Information for doctor**
- **4.3 Indication of any immediate medical attention and special treatment needed** If swallowed or in case of vomiting, danger of entering the lungs

## Safety data sheet according to UK REACH

Printing date 15.09.2024

Version number 34 (replaces version 33)

Revision: 15.09.2024

**Trade name** Ortolan Extra 721

(Contd. of page 2)

### 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 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.

(Contd. on page 4)

## Safety data sheet according to UK REACH

Printing date 15.09.2024

Version number 34 (replaces version 33)

Revision: 15.09.2024

**Trade name** *Ortolan Extra 721*

· **Storage class**

10

(Contd. of page 3)

### 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**

*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/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

(Contd. on page 5)



BE SURE. BUILD SURE.

Page 5/9

## Safety data sheet according to UK REACH

Printing date 15.09.2024

Version number 34 (replaces version 33)

Revision: 15.09.2024

Trade name **Ortolan Extra 721**

(Contd. of page 4)

· <b>Smell:</b>	Characteristic
· <b>Melting point/freezing point:</b>	Not determined
	Not applicable
· <b>Boiling point or initial boiling point and boiling range</b>	179 °C (CAS: 124-18-5 decane)
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	0.7 Vol % (CAS: 124-18-5 decane)
· <b>Upper:</b>	5.4 Vol % (CAS: 124-18-5 decane)
· <b>Flash point:</b>	70 °C
· <b>Auto-ignition temperature:</b>	205 °C (CAS: 124-18-5 decane)
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Steam pressure at 20 °C:</b>	1.9 hPa (CAS: 124-18-5 decane)
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	0.86 g/cm <sup>3</sup>
· <b>9.2 Other information</b>	<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>
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <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

(Contd. on page 6)

GB

## Safety data sheet according to UK REACH

Printing date 15.09.2024

Version number 34 (replaces version 33)

Revision: 15.09.2024

Trade name **Ortolan Extra 721**

(Contd. of page 5)

· **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)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	72.3 mg/l (mouse)

- **Skin corrosion/irritation** 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.

### SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.

(Contd. on page 7)

## Safety data sheet according to UK REACH

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Version number 34 (replaces version 33)

Revision: 15.09.2024

Trade name **Ortolan Extra 721**

(Contd. of page 6)

- **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:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN number or ID number</b>                                  | Void            |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>14.2 UN proper shipping name</b>                                 | Void            |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>14.3 Transport hazard class(es)</b>                              | Void            |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>Class</b>  | Void            |
| · <b>14.4 Packing group</b>   | Void            |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>14.5 Environmental hazards:</b>                                  | No              |
| · <b>Marine pollutant:</b>  | No              |
| · <b>14.6 Special precautions for user</b>                            | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable. |

(Contd. on page 8)



## Safety data sheet according to UK REACH

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Version number 34 (replaces version 33)

Revision: 15.09.2024

Trade name **Ortolan Extra 721**

(Contd. of page 7)

· **UN "Model Regulation":** Void

### SECTION 15: Regulatory information

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

No further relevant information available.

- **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.

- **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.

- **Relevant phrases**

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.

- **Department issuing data specification sheet:**

Environment protection department.

- **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

(Contd. on page 9)





BE SURE. BUILD SURE.

Page 9/9

**Safety data sheet**  
**according to UK REACH**

Printing date 15.09.2024

Version number 34 (replaces version 33)

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**Trade name Ortolan Extra 721**

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

Asp. Tox. 1: Aspiration hazard – Category 1

(Contd. of page 8)

GB