



BE SURE. BUILD SURE.

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 05.03.2020

Version number 5

Revision: 05.03.2020

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

· **1.1 Product identifier**

· **Trade name** Ortolan Extra 741

· **Article number:** 943

· **UFI:** WS6F-P0D3-U00J-WTCM

· **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.: +48612864565

**SECTION 2: Hazards identification**

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

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

Flam. Liq. 3 H226 Flammable liquid and vapour.

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**



GHS02 GHS08

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- **Signal word** *Danger*
- **Hazard-determining components of labelling:** *decane*  
*Distillates (petroleum), hydrotreated heavy paraffinic*
- **Hazard statements** *H226 Flammable liquid and vapour.*  
*H304 May be fatal if swallowed and enters airways.*
- **Precautionary statements**
  - P210* *Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.*
  - P241* *Use explosion-proof [electrical/ventilating/lighting] equipment.*
  - P280* *Wear protective gloves/protective clothing/eye protection/face protection.*
  - P301+P310* *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
  - P331* *Do NOT induce vomiting.*
  - P303+P361+P353* *IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

**SECTION 3: Composition/information on ingredients**

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

· **Dangerous components:**

|                   |   |                     |
|-------------------|---|---------------------|
| CAS: 124-18-5     | <i>decane</i>   | <i>25-50%</i>       |
| EINECS: 204-686-4 | <i>Flam. Liq. 3, H226; Asp. Tox. 1, H304</i>                  |                     |
| CAS: 64742-54-7   | <i>Distillates (petroleum), hydrotreated heavy paraffinic</i> | <i>25-50%</i>       |
| EINECS: 265-157-1 | <i>Asp. Tox. 1, H304</i>                                      |                     |
| CAS: 61791-53-5   | <i>N-Talgalkyl-1,1-diaminopropandiolat</i>                    | <i>≥0.25-&lt;1%</i> |
| EINECS: 263-186-4 | <i>Skin Corr. 1B, H314; Aquatic Acute 1, H400</i>             |                     |

- **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** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact** *The product is not skin irritating.*
- **After eye contact** *Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.*

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· **After swallowing**

*Do not induce vomiting; instantly call for medical help.*

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*A person vomiting while lying on their back should be turned onto their side.*

· **4.2 Most important symptoms and effects, both acute and delayed**

*No further relevant information available.*

· **4.3 Indication of any immediate medical attention and special treatment needed**

*No further relevant information available.*

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents**

*CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*

· **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**

*Wear protective equipment. Keep unprotected persons away.*

· **6.2 Environmental precautions:**

*Prevent material from reaching sewage system, holes and cellars.*

· **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**

*Avoid splashes or spray in enclosed areas.*

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Ensure good ventilation/exhaustion at the workplace.

- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **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**
- **Personal protective equipment**
- **General protective and hygienic measures**
- **Breathing equipment:** Wash hands during breaks and at the end of the work.  
Only during spraying without adequate removal by suction.  
In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
- **Protection of hands:** Protective gloves.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.
- **Material of gloves** Nitrile rubber, NBR  
Butyl rubber, BR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**

Safety glasses

· **Body protection:**

Protective work clothing.

#### SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

|                  |                |
|------------------|----------------|
| · <b>Form:</b>   | Fluid          |
| · <b>Colour:</b> | Yellow         |
| · <b>Smell:</b>  | Characteristic |

· **Change in condition**

|   |                |
|---|----------------|
| · <b>Melting point/freezing point:</b>            | Not determined |
| · <b>Initial boiling point and boiling range:</b> | 145 °C         |

· **Flash point:** 57 °C

· **Ignition temperature:** 230 °C

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· **Critical values for explosion:**

|                 |           |
|-----------------|-----------|
| · <b>Lower:</b> | 0.6 Vol % |
| · <b>Upper:</b> | 6.5 Vol % |

· **Density at 20 °C** 0.80 g/cm<sup>3</sup>

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix

· **9.2 Other information**

TRGS 404 Bewertung von Kohlenwasserstoffdämpfen in der Luft am Arbeitsplatz: Gruppe 2

#### 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.

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- **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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values that are relevant for classification:**

**124-18-5 decane**

|            |          |                       |
|------------|----------|-----------------------|
| Oral       | LD50     | >5,000 mg/kg (rat)    |
| Dermal     | LD50     | >5,000 mg/kg (rabbit) |
| Inhalative | LC50/4 h | 72.3 mg/l (mus)       |

- **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.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

**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.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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#### 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**

|          |  |
|----------|--|
| 07 00 00 | WASTES FROM ORGANIC CHEMICAL PROCESSES   |
| 07 07 00 | wastes from the MFSU of fine chemicals and chemical products not otherwise specified |
| 07 07 04 | other organic solvents, washing liquids and mother liquors                           |

**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.

#### SECTION 14: Transport information

|  |   |
|--|---|
| <b>14.1 UN-Number</b><br><b>ADR, IMDG, IATA</b>  | UN1300  |
| <b>14.2 UN proper shipping name</b><br><b>ADR</b><br><b>IMDG, IATA</b>   | 1300 TURPENTINE SUBSTITUTE<br>TURPENTINE SUBSTITUTE |
| <b>14.3 Transport hazard class(es)</b><br><b>ADR</b><br><b>Class</b><br><b>Label</b>                               | 3 (F1) Flammable liquids.<br>3                      |
| <b>IMDG, IATA</b><br><b>Class</b><br><b>Label</b>  | 3 Flammable liquids.<br>3                           |
| <b>14.4 Packing group</b><br><b>ADR, IMDG, IATA</b>  | III   |
| <b>14.5 Environmental hazards:</b><br><b>Marine pollutant:</b>   | Yes   |
| <b>14.6 Special precautions for user</b><br><b>Kemler Number:</b><br><b>EMS Number:</b><br><b>Stowage Category</b> | Warning: Flammable liquids.<br>30<br>F-E, S-E<br>A  |
| <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>                                     | Not applicable.                                     |

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· **Transport/Additional information:**

· **ADR**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000

ml

· **Transport category**

3

· **Tunnel restriction code**

D/E

· **IMDG**

· **Limited quantities (LQ)**

5L

· **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000

ml

· **UN "Model Regulation":**

UN 1300 TURPENTINE SUBSTITUTE, 3, III

**SECTION 15: Regulatory information**

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

· **Directive 2012/18/EU**

· **Qualifying quantity (tonnes) for the application of lower-tier requirements**

5.000 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements**

50.000 t

· **REGULATION (EC) No 1907/2006 ANNEX XVII**

Conditions of restriction: 3

· **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.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

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· **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 européen sur le transport 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*

*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*

*Asp. Tox. 1: Aspiration hazard – Category 1*

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

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

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