



BE SURE. BUILD SURE.

Page 1/8

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

Printing date 24.02.2024

Version number 25


Revision: 24.02.2024

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

- **Product identifier**
- **Trade name** Ortolan Extra 721
- **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*

*MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533*
- **Informing department:** *msds@mc-bauchemie.de*

2 Hazards identification

- **Classification of the substance or mixture**
*Flam. Liq. 4 H227 Combustible liquid.
Acute Tox. 5 H333 May be harmful if inhaled.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.*
- **Label elements**
- **GHS label elements** *The product is classified and labelled according to the Globally Harmonised System (GHS).*
- **Hazard pictograms**

GHS08
- **Signal word** *Danger*
- **Hazard-determining components of labelling:** *Distillates (petroleum), hydrotreated light paraffinic
Distillates (petroleum),
decane*
- **Hazard statements** *Combustible liquid.
May be harmful if inhaled.
May be fatal if swallowed and enters airways.*
- **Precautionary statements** *Keep away from flames and hot surfaces. No smoking.*

(Contd. on page 2)

AE



BE SURE. BUILD SURE.

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name **Ortolan Extra 721**

(Contd. of page 1)

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

Do NOT induce vomiting.

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

Store in a well-ventilated place. Keep cool.

· **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:**

CAS: 64742-55-8	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	30-60%
CAS: 64742-56-9	Distillates (petroleum), Asp. Tox. 1, H304	10-30%
CAS: 124-18-5	decane Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 5, H333	10-30%
CAS: 8002-26-4	Tall oil Acute Tox. 5, H303; Acute Tox. 5, H313	<10%

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

4 First aid measures

· **Description of first aid measures**

· **General information** Immediately remove any clothing contaminated with the product.
Take affected persons into the open air.

· **After inhalation** Supply fresh air.

· **After skin contact** Instantly wash with water and soap and rinse thoroughly.

· **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

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

· **Information for doctor**

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

If swallowed or in case of vomiting, danger of entering the lungs

5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents** CO₂, sand, extinguishing powder. Do not use water.

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/8

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name **Ortolan Extra 721**

(Contd. of page 2)

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **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:** Prevent material from reaching sewage system, holes and cellars. Inform respective authorities in case product reaches water or sewage system.
- **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** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **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:** None.
- **Storage class** 10

8 Exposure controls/personal protection

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

(Contd. on page 4)

AE



BE SURE. BUILD SURE.

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name Ortolan Extra 721

(Contd. of page 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** *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:** *Only during spraying without adequate removal by suction.
Short term filter device:
In case of brief exposure or low pollution or when application is performed at confined area with adequate mechanical ventilation meeting local authority requirements, 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
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.*
- **Penetration time of glove material** *The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.*
- **Eye protection:** *Not required.*
- **Body protection:** *Protective work clothing.*

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	<i>Fluid</i>
· Colour:	<i>Yellow</i>
· Smell:	<i>Characteristic</i>

· **pH-value:** *Not determined.*

· **Change in condition**

· Melting point/freezing point:	<i>Not determined</i>
· Initial boiling point and boiling range:	<i>Not applicable</i>

· **Flash point:** *70 °C*

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name **Ortolan Extra 721**

(Contd. of page 4)

· Auto-ignition temperature:	205 °C
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.
· Critical values for explosion:	
Lower:	0.7 Vol %
Upper:	5.4 Vol %
· Steam pressure at 20 °C:	1.9 hPa
· Density at 20 °C	0.86 g/cm ³
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· 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:**

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

Dermal	LD50	>5000 mg/kg (rat)
--------	------	-------------------

CAS: 124-18-5 decane

Oral	LD50	>5000 mg/kg (rat)
------	------	-------------------

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name Ortolan Extra 721

(Contd. of page 5)

Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50/4 h	72.3 mg/l (mouse)
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 shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Harmful

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

AE

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name **Ortolan Extra 721**

(Contd. of page 6)

14 Transport information

· UN-Number · ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void
· Packing group · 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.
· 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.
· Seveso category	P5c FLAMMABLE LIQUIDS
· Qualifying quantity (tonnes) for the application of lower-tier requirements	5000 t
· Qualifying quantity (tonnes) for the application of upper-tier requirements	50000 t
· 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.

· 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)

(Contd. on page 8)



BE SURE. BUILD SURE.

Page 8/8

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

Printing date 24.02.2024

Version number 25

Revision: 24.02.2024

Trade name Ortolan Extra 721

(Contd. of page 7)

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

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

Acute Tox. 5: Acute toxicity – Category 5

Asp. Tox. 1: Aspiration hazard – Category 1

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

AE