



BE SURE. BUILD SURE.

Page 1/9

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

Printing date 11.05.2024

Version number 25 (replaces version 24)

Revision: 11.05.2024

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

1.1 Product identifier

Trade name **Ortolan Basic 761**

Article number: 4022

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
Release agent

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

Skin Sens. 1 H317 May cause an allergic skin reaction.

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



GHS07 GHS08

Signal word

Danger

(Contd. on page 2)

GB



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Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name **Ortolan Basic 761**

(Contd. of page 1)

- **Hazard-determining components of labelling:** Octene, hydroformylation products, high-boiling Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%)
White mineral oil, petroleum
- **Hazard statements** H317 May cause an allergic skin reaction.
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements** P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P321 Specific treatment (see on this label).
P331 Do NOT induce vomiting.
P362+P364 Take off contaminated clothing and wash it before reuse.
- **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:**

EC number: 920-360-0	Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%) Asp. Tox. 1, H304	30-60%
CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27	White mineral oil, petroleum Asp. Tox. 1, H304	30-60%
CAS: 68526-89-6	Octene, hydroformylation products, high-boiling Skin Sens. 1B, H317	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!

(Contd. on page 3)



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Printing date 11.05.2024

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Trade name Ortolan Basic 761

· **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.

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

Risk of pulmonary oedema or pneumonitis in case of aspiration

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

(Contd. of page 2)

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.

Ensure good ventilation/exhaustion at the workplace.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

(Contd. on page 4)



BE SURE. BUILD SURE.

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Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name **Ortolan Basic 761**

(Contd. of page 3)

· **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:**

Protect from heat and direct sunlight.

· **Storage class**

10

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

(Contd. on page 5)



BE SURE. BUILD SURE.

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

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Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name **Ortolan Basic 761**

(Contd. of page 4)

· **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

· **Smell:**

Nearly odourless

· **Melting point/freezing point:**

Not determined

Not applicable

· **Boiling point or initial boiling point and boiling range**

Not determined

· **Lower and upper explosion limit**

· **Lower:**

0.45 Vol % (Literaturwert)

· **Upper:**

5 Vol % (Literaturwert)

· **Flash point:**

141 °C

· **pH**

Not applicable.

Not determined.

· **Viscosity:**

· **Kinematic viscosity at 40 °C**

6.56 mm²/s

· **dynamic:**

Not determined.

· **Solubility**

· **Water:**

Not miscible or difficult to mix

· **Steam pressure at 20 °C:**

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

· **Density and/or relative density**

· **Density at 20 °C**

0.84 g/cm³

· 9.2 Other information

· **Appearance:**

· **Form:**

Liquid

· **Important information on protection of health and environment, and on safety.**

· **Self-inflammability:**

Product is not selfigniting.

· **Explosive properties:**

Product is not explosive. However, formation of explosive air/steam mixtures is possible.

· **Information with regard to physical hazard classes**

· **Explosives**

Void

· **Flammable gases**

Void

· **Aerosols**

Void

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 11.05.2024

Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name **Ortolan Basic 761**

(Contd. of page 5)

- **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
- **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:**

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)

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

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

(Contd. on page 7)



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Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name **Ortolan Basic 761**

(Contd. of page 6)

- **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.*
- **12.2 Persistence and degradability** *No further relevant information available.*
- **Other information:** *The product is easily biodegradable.*
- **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

- **14.1 UN number or ID number**
- **ADR, ADN, IMDG, IATA** *Void*

(Contd. on page 8)



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

Printing date 11.05.2024

Version number 25 (replaces version 24)

Revision: 11.05.2024

Trade name Ortolan Basic 761

(Contd. of page 7)

· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· 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.*
· **Poisons Act**

· **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** *H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.*

· **Department issuing data specification sheet:** *Environment protection department.*

(Contd. on page 9)



BE SURE. BUILD SURE.

Page 9/9

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

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Version number 25 (replaces version 24)

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Trade name Ortolan Basic 761

(Contd. of page 8)

- 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
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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