



BE SURE. BUILD SURE.

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## Safety Data Sheet according to P.U.(A) 310/2013

Printing date 18.08.2024



Version number 32

Revision: 18.08.2024

### 1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** intaktin 72
- **Recommended use of the chemical and restrictions on use** 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 Hazard identification

- **Classification of the substance or mixture**  
Skin Sens. 1 H317 May cause allergic skin reaction.  
Asp. Haz. 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**  
  
GHS07 GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:** Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%)  
ethoxylierter Fettalkohol  
White mineral oil, petroleum
- **Hazard statements** H317 May cause 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.

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**P301+P310 IF SWALLOWED:** Immediately call a POISON CENTER/ doctor.

**P321** Specific treatment (see on this label).

**P331** Do NOT induce vomiting.

**P363** Wash contaminated clothing before reuse.

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

### 3 Composition and information of the ingredients of the hazardous chemical

· **Chemical characterisation: Mixtures**

· **Description:** Mixture consisting of the following components.

· **Dangerous components:**

	Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%) Asp. Haz., H304	30-60%
CAS: 8042-47-5	White mineral oil, petroleum Asp. Haz., H304	30-60%
CAS: 68920-66-1	ethoxylierter Fettalkohol Skin Irrit. 2, H315; Skin Sens. 1, H317	≥1-<1.5%
CAS: 39464-69-2	Poy(oxy)-1,2-ethanediyl, alpha-9-octadecenyl-omega-hydroxy(Z), phsophate Eye Dam. 1, H318; Aquatic Acute 1, H400; Skin Irrit. 2, H315; Aquatic Chronic 3, H412	≥0.25-<1%
CAS: 128-37-0	2,6-Di-tert-butyl-p-cresol Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.025-<0.25%
	Reaction mass of 1H-benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-6-methyl- and 2H-benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-5-methyl- and N,N-bis(2-ethylhexyl)-4-methyl-1H-benzotriazole-1-methylamine and 2H-benzotriazole-2-methanamine, N,N-bis(2-ethylhexyl)-4-methyl- and N,N-bis(2-ethylhexyl)-5-methyl-1H-benzotriazole-1-methylamine Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥0.1-<0.25%

· **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.

· **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.

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- **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*

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#### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** *Use fire fighting measures that suit the environment.*
- **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:** *Dilute with much water.*
- **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** *No special measures required.  
No special precautions necessary if used correctly.*
- **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:** *None.*

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· Storage class 10

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## 8 Exposure controls and 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:**

**CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol**

PEL (Malaysia) Long-term value: 10 mg/m<sup>3</sup>

· **DNELs**

**CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol**

Dermal DNEL 8.3 mg/kg bw/day (ArL)

Inhalative DNEL 5.8 mg/m<sup>3</sup> (ArL)

· **PNECs**

**CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol**

PNEC aqua 0.4 µg/l (Mew)

4 µg/l (Freshwater)

PNEC 100 mg/l (Sewage Treatment Plant)

PNEC 1.04 mg/kg dwt (Bod)

1.29 mg/kg dwt (Sediment)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **Exposure controls**

· **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)

· **Protection of hands:**

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

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· **Penetration time of glove material**

The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.

· **Eye protection:**

Closed safety goggles. For spray applications: Protective shield

· **Body protection:**

Wear a plastic apron when spraying.

## 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Light yellow
· <b>Smell:</b>	Product specific

· **pH-value:** Not determined.

· **Change in condition**

· <b>Melting point/freezing point</b>	Not determined
· <b>Initial boiling point and boiling range</b>	Not determined

· **Flash point:** 141 °C

· **Auto-ignition temperature** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

· **Steam pressure at 20 °C:** 0 hPa

· **Density at 20 °C** 0.85 g/cm<sup>3</sup>

· **Solubility in / Miscibility with Water:**

Emulsifiable

· **Viscosity:**

· <b>dynamic:</b>	Not determined.
· <b>kinematic at 20 °C:</b>	15 s (DIN 53211/4)

· **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.

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- **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:**

### 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: 128-37-0 2,6-Di-tert-butyl-p-cresol

Oral	LD50	>2930 mg/kg (rat)
	NOAEL	100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
		>2000 mg/kg (rat)

- **Primary irritant effect:**
- **Serious eye damage or eye irritation** No irritant effect.
- **Respiratory / skin sensitization** 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  
Irritant

## 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

### CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol

EC50/72h	0.5 mg/l (Desmodesmus subspicatus)
EC50	>10000 mg/l (BEL)
LC50/48h	0.61 mg/l (Daphnia magna)
NOEC	0.07 mg/l (Daphnia magna)

- **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.

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- **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 information

- **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.*

### 14 Transportation information

- |   |                 |
|---|-----------------|
| · <b>UN-Number</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>UN proper shipping name</b>  |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   | Void            |
| · <b>Transport hazard class(es)</b>   |                 |
| · <b>ADR, ADN, IMDG, IATA</b>   |                 |
| · <b>Class</b>  | Void            |
| · <b>Packing group</b>  |                 |
| · <b>ADR, IMDG, IATA</b>  | Void            |
| · <b>Environmental hazards:</b>   |                 |
| · <b>Marine pollutant:</b>  | No              |
| · <b>Special precautions for user</b>                                       | Not applicable. |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable. |
| · <b>UN "Model Regulation":</b>   | Void            |

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### 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.*
- **National regulations**                      *0.80 %*
- **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)  
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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion or irritation – Category 2  
Eye Dam. 1: Serious eye damage or eye irritation – Category 1  
Skin Sens. 1: Skin sensitization – Category 1  
Asp. Haz.: Aspiration hazard – Category 1  
Aquatic Acute 1: Hazardous to the aquatic environment - acute hazard – Category 1  
Aquatic Chronic 1: Hazardous to the aquatic environment - chronic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - chronic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - chronic hazard – Category 3*

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

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