



BE SURE. BUILD SURE.

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

Printing date 18.02.2024



Version number 25

Revision: 18.02.2024

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

- **Product identifier**
- **Trade name** intaktin 72
- **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**
 - Acute Tox. 5 H313 May be harmful in contact with skin.*
 - Acute Tox. 5 H333 May be harmful if inhaled.*
 - Skin Corr. 3 H316 Causes mild skin irritation.*
 - Skin Sens. 1 H317 May cause an allergic skin reaction.*
 - Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.*
 - Aquatic Acute 3 H402 Harmful to aquatic life.*
- **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*

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- **Hazard statements**
 - May be harmful in contact with skin.
 - May be harmful if inhaled.
 - Causes mild skin irritation.
 - May cause an allergic skin reaction.
 - May be fatal if swallowed and enters airways.
 - Harmful to aquatic life.
- **Precautionary statements**
 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - Wear protective gloves.
 - IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
 - Specific treatment (see on this label).
 - Do NOT induce vomiting.
 - Take off contaminated clothing and wash it before reuse.
- **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:**

	Hydrocarbons C14-C18, n-alkanes, iso-alkanes, cyclic compounds, aromatics (2-30%) Asp. Tox. 1, H304; Acute Tox. 5, H303; Acute Tox. 5, H313; Acute Tox. 5, H333	30-60%
CAS: 8042-47-5	White mineral oil, petroleum Asp. Tox. 1, H304	30-60%
CAS: 68920-66-1	ethoxylierter Fettalkohol Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥1-<1.5%
CAS: 8002-26-4	Tall oil Acute Tox. 5, H303; Acute Tox. 5, H313	<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; Acute Tox. 5, H303; Acute Tox. 5, H313	≥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. 1B, H317	≥0.1-<0.25%

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· **Additional information**

For the wording of the listed hazard phrases refer to section 16.

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4 First aid measures

· **Description of first aid measures**

- **General information** Immediately remove any clothing contaminated with the product.
- **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.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

5 Firefighting 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.
- **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.

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· Storage class 10

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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:**

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

REL (USA)	Long-term value: 10 mg/m ³
TLV (USA)	Long-term value: 2* mg/m ³ *as inhalable fraction and vapor, A4
WEL (Great Britain)	Long-term value: 10 mg/m ³

· **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 ³ (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**

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:

· **Protection of hands:**

Not required.

· **Material of gloves**

Nitrile rubber, NBR

· **Penetration time of glove material**

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· **Eye protection:**

Not required.

· **Body protection:**

Protective work clothing.

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9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Fluid
· Colour:	Light yellow
· Smell:	Product specific

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/freezing point:	Not determined
· Initial boiling point and boiling range:	Not determined

· **Flash point:** 141 °C

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

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

· **Steam pressure at 20 °C:** 0 hPa

· **Density at 20 °C** 0.85 g/cm³

· **Solubility in / Miscibility with**

· **Water:** Emulsifiable

· **Viscosity:**

· dynamic:	Not determined.
· kinematic at 20 °C:	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.

· **Incompatible materials:**

No further relevant information available.

· **Hazardous decomposition products:**

No dangerous decomposition products known

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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: 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)

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/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
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.

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- **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.*

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

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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
Acute Tox. 5: Acute toxicity – Category 5
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Skin Corr. 3: Skin corrosion/irritation – Category 3
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1B: Skin sensitisation – Category 1B
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- *** Data compared to the previous version altered.**