



BE SURE. BUILD SURE.

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

Printing date 26.05.2024

Version number 30



Revision: 26.05.2024

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** Intaktin 74
- **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**
Eye Irrit. 2 H319 Causes serious eye irritation.
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%)
White mineral oil, petroleum
Distillates (petroleum), hydrotreated light naphthenic
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
- **Hazard statements** H319 Causes serious eye irritation.
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements** P280 Wear eye protection / face protection.

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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P405 Store locked up.

· **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: 9043-30-5 | Isotridecanol, ethoxylated (5-6 EO) Eye Dam. 1, H318; Aquatic Chronic 3, H412 | ≥1-<1.5% |
| CAS: 1022990-65-3 | Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers Acute Tox. 4, H302; Eye Irrit. 2, H319; Aquatic Chronic 3, H412 | <1.5% |
| CAS: 68920-66-1 | ethoxylierter Fettalkohol Skin Irrit. 2, H315; Skin Sens. 1, H317 | ≥0.1-<1% |
| 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-<0.5% |
| CAS: 90194-49-3 | Benzolsulfonsäure, Mono-C15-36-verzweigte Alkylderivate, Calciumsalze Skin Sens. 1, H317 | ≥0.1-<0.5% |

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** Take the person out into the fresh air.

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- **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!
- **After swallowing** If swallowed, there is a risk of serious lung damage: hospitalisation necessary!
Do not induce vomiting, do not give anything to drink.
Risk of pulmonary oedema or pneumonitis in case of aspiration
- **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 Fire-fighting measures

- **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.
- **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.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.

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- **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*

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:** *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.*
- **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:**

| | |
|------------------|------------------|
| · 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 applicable |
| | Not determined |

· **Flash point:** >100 °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** 0.84 g/cm³

· **Solubility in / Miscibility with**

Water: Not miscible or difficult to mix

· **Viscosity:**

| | |
|------------------------------|-------------------------|
| · dynamic: | Not determined. |
| · kinematic at 40 °C: | 6.58 mm ² /s |

· **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

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- **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:**

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

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: 9043-30-5 Isotridecanol, ethoxylated (5-6 EO)

| | | |
|--------|-------|----------------------|
| Oral | LD50 | >2000 mg/kg (rat) |
| | NOAEL | >50 mg/kg (rat) |
| Dermal | LD50 | >2000 mg/kg (rabbit) |

CAS: 1022990-65-3 Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers

| | | |
|--------|------|-------------------|
| Oral | LD50 | 2000 mg/kg (rat) |
| Dermal | LD50 | >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 is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information

- **Toxicity**

· **Aquatic toxicity:**

CAS: 9043-30-5 Isotridecanol, ethoxylated (5-6 EO)

| | |
|----------|-------------------------------------|
| EC50/72h | 1-10 mg/l (Desmodesmus subspicatus) |
| LC50/96h | 1-10 mg/l (Cyp) |
| EC50/48h | 1-10 mg/l (Daphnia magna) |
| NOEC | 1.36 mg/l (Daphnia magna) |

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| | |
|--|--------------------------------------|
| EC10/3d | 1.73 mg/l (fish) 0.6 mg/l (algae) |
| CAS: 1022990-65-3 Oxirane, 2-ethyl-, polymer with oxirane, mono-C11-15-sec-alkyl ethers | |
| EC50/48h | 4.22 mg/l (Daphnia magna) |
| ErC50/72h | 1.25 mg/l (Desmodesmus subspicatus) |

- **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 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:** Dispose of packaging according to regulations on the disposal of packagings.
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

14 Transportation 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 |

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| | |
|---|--|
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · Transport/Additional information: | Not dangerous according to the above specifications. |
| · 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.
- **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)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Acute Tox. 4: Acute toxicity - oral – Category 4
 - Skin Irrit. 2: Skin corrosion or irritation – Category 2
 - Eye Dam. 1: Serious eye damage or eye irritation – Category 1
 - Eye Irrit. 2: Serious eye damage or eye irritation – Category 2
 - 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 3: Hazardous to the aquatic environment - chronic hazard – Category 3

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

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