

Printing date 28.07.2020

Version number 9

Revision: 28.07.2020


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

- **1.1 Product identifier**
- **Trade name: BLANKOL-92**
- **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** release agent
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SCHOMBURG GmbH & Co. KG
Aquafinstr. 2-8
D-32760 Detmold
Germany

Tel: ++49 (0)5231/953-00
Fax: ++49 (0)5231/953-123
email: info@schomburg.de
web: www.schomburg.de
- **Informing department:**
Product Safety Department

Tel: ++49 (0)5231/953-193
Fax: ++49 (0)5231/953-106
email: SDB@schomburg.de

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
 GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
.....
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30 %)
White spirit (incl. Petroleum 10-25%)
- **Hazard statements**
H304 May be fatal if swallowed and enters airways.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P273 Avoid release to the environment.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.

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P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Preparation, contains paraffinic and naphtenic hydrocarbons.

- **Dangerous components:**

EC number: 920-360-0 Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2- 50-100%
30 %)

☠ Asp. Tox. 1, H304

White spirit (incl. Petroleum 10-25%)

10-25%

☠ Asp. Tox. 1, H304

CAS: 61791-31-9

Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.

<1%

EINECS: 263-163-9

☠ Repr. 2, H361d; ☠ Skin Corr. 1B, H314; ☠ Aquatic Chronic 1, H410; ⚠ Acute Tox. 4, H302

- **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** Personal protection for the First Aider.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **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.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
In case of strong heat burst- and explosion hazard, the pressure in the container will increase. In case of fire chill the container with water-spray.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**
Cool endangered containers with water spray jet.

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Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or water bodies.
- **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Keep away from children.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Do not spray on flames or red-hot objects.
Protect against electrostatic charges.
- **7.2 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:**
Please follow the rules of the VCI-Storage-Concept for chemicals.
- **Further information about storage conditions:**
Store in a locked cabinet and out of the reach of children.
- **7.3 Specific end use(s)** No further relevant information available.

* SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**
It must be possible to wash the skin in the working area.
Eye-wash bottle must be available.
- **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**
- **Personal protective equipment**
- **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
The usual precautionary measures should be adhered to in handling the chemicals.
Avoid contact with the eyes and skin.
When the material is hardened on the skin, remove it carefully mechanically.
- **Breathing equipment:** Not required.

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- **Protection of hands:** Hand Protection: Nitril-rubber-latex-gloves.
- **Material of gloves**
Nitril-rubber-latex-gloves II R: Thickness $\geq 0,5\text{mm}$; Break through time ≥ 480 min

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 break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	Fluid
Colour:	Clear
Smell:	Weak, characteristic
Odour threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	182 °C

· Flash point: 65 °C

· Inflammability (solid, gaseous) Not applicable.

· Ignition temperature: 240 °C

· Decomposition temperature: Not determined.

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

· Critical values for explosion:

Lower:	Not determined.
Upper:	Not determined.

· Steam pressure: Not determined.

Density at 20 °C	0.811 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.

· Solubility in / Miscibility with

Water: Not miscible or difficult to mix

· Partition coefficient: n-octanol/water: Not determined.

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- **Viscosity:**
 - dynamic at 20 °C:** 6.4 mPas
 - kinematic:** Not determined.
- **9.2 Other information** No further relevant information available.

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 toxicological effects**
 - **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, isoalkanes, cyclics, aromatics (2-30 %)**
- Oral LD50 >4,150 mg/kg (rats) (OECD 423)
Dermal LD50 >2,000 mg/kg (rats) (OECD 402)
- White spirit (incl. Petroleum 10-25%)**
- Oral LD50 >5,000 mg/kg (rats) (OECD 401)
Dermal LD50 >5,000 mg/kg (rabbit) (OECD 402)
- 61791-31-9 Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.**
- Oral LD50 1,500 mg/kg (rats)
- **Primary irritant effect:** No irritant action known.
 - **Skin corrosion/irritation** It is possible to irritate the skin.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **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.

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SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****White spirit (incl. Petroleum 10-25%)**

- EL 50 >1,000 mg/l /48h (Daphnia magna) (OECD 202)
>1,000 mg/l /72h (Pseudokirchneriella subcapitata) (OECD 201)
- LL50 >1,000 mg/l /48h (Daphnia magna) (OECD 202)
>1,000 mg/l /48h (Oncorhynchus mykiss) (OECD 203)

61791-31-9 Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.

LC50/96h 0.28 mg/l (Brachydanio rerio)

EC50 (48h) 0.84 mg/l (Daphnia magna)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**· **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.**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.

· **European waste catalogue**

07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 00 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

07 01 04* other organic solvents, washing liquids and mother liquors

· **Uncleaned packagings:**· **Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

Void

· **14.2 UN proper shipping name**· **ADR, IMDG, IATA**

Void

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 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.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **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**
 H302 Harmful if swallowed.
 H304 May be fatal if swallowed and enters airways.
 H314 Causes severe skin burns and eye damage.
 H361d Suspected of damaging the unborn child.
 H410 Very toxic to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** Mr. Guido Herfort
- **Abbreviations and acronyms:**
 ADR: Accord européen sur le transport 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
 Acute Tox. 4: Acute toxicity - oral – Category 4
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Repr. 2: Reproductive toxicity – Category 2
 Asp. Tox. 1: Aspiration hazard – Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- *** Data compared to the previous version altered.**