

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

Printing date 13.03.2012

Vers.no.: 11

Revision: 13.03.2012

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

- **Product identifier**
- **Trade name:** WIBARCAN®
- **CAS Number:**
67774-74-7
- **EC number:**
267-051-0
- **Registration number** 01-2119489372-31-0005
- **Relevant identified uses of the substance or mixture and uses advised against** not determined.
- **Application of the substance / the preparation** Surfactants
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Chemische Fabrik WIBARCO GmbH
Postfach 16 62
D-49466 Ibbenbüren
Tel.: +49-(0)5459-910-0
- **Further information obtainable from:**
Product safety
Tel.: +49 (0)203 738 04-196
E-Mail: juergen.mueller@hansagroup.de
- **Emergency telephone number:**
GIZ-Nord, Göttingen, Germany
+49 551 19240
Member of EPECS Network

2 Hazards identification

- **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.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.

- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard statements**
H304 May be fatal if swallowed and enters airways.
- **Precautionary statements**
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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

3 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description**
67774-74-7 benzene, C10-13-alkyl derivatives
- **Identification number(s)**
- **EC number:** 267-051-0

4 First aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**
Supply fresh air.
Seek medical treatment in case of complaints.
- **After skin contact:** Wash with water and soap.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting - aspiration hazard. Call in a physician immediately and show him the Safety Data Sheet.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Hazards**
In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.
- **Indication of any immediate medical attention and special treatment needed**
Treat symptomatically
No specific antidote known.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
Water spray
Foam
Fire-extinguishing powder
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**
In case of combustion evolution of dangerous gases possible.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Do not inhale explosion gases or combustion gases.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with skin, eyes and clothing.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

- **Methods and material for containment and cleaning up:**

Pick up mechanically.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the material collected according to regulations.

- **Reference to other sections** See Section 13 for disposal information.

7 Handling and storage

- **Handling:**

- **Precautions for safe handling** No special precautions are necessary if used correctly.

- **Information about fire - and explosion protection:** Protect against electrostatic charges.

- **Conditions for safe storage, including any incompatibilities**

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Keep container tightly sealed.

Store in a cool location.

- **Information about storage in one common storage facility:** Not required.

- **Further information about storage conditions:**

Keep container tightly sealed.

Keep container dry in a cool, well-ventilated place.

Protect from heat and direct sunlight.

- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:** Not required.

- **DNELs**

Dermal	exposure-long term - systemic effects	9.6 mg/kg bw/day (worker)
Inhalative	exposure-long term - systemic effects	7.0 mg/m ³ (worker)

- **PNECs**

fresh water	7.5E-5 mg/l (-)
intermittent releases	1E-4 mg/l (-)
marine water	7.5E-6 mg/l (-)
sediment	0.143 mg/kg sedimentdw (-)
sewage treatment plant	14.2 mg/l (-)

- **Additional information:** The lists valid during the making were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing

Do not inhale gases / fumes / aerosols.

Wash hands before breaks and at the end of work.

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Avoid contact with the eyes and skin.

· **Respiratory protection:**

Required when vapours /aerosols are generated.

Filter P2

· **Protection of hands:**



Protective gloves

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: approx. 0.4 mm

· **Penetration time of glove material** Time for permeation >30 min

· **For the permanent contact gloves made of the following materials are suitable:**

Fluorocarbon rubber (Viton)

Recommended thickness of the material: 0.7 mm

Time for permeation: >480 min

· **Eye protection:**



Tightly sealed goggles

· **Body protection:**

Protective work clothing

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled.

The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: fluid

Colour: colourless

· **Odour:** Odourless

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: < -39°C

Boiling point/Boiling range: 240-314°C

· **Flash point:** 144°C

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits:**

Lower: Not determined.

Upper: Not determined.

· **Vapour pressure at 25°C:** 0.013 hPa

· **Density at 20°C:** 0.858-0.865 g/cm³

· **Solubility in / Miscibility with water:** Insoluble.

· **Segregation coefficient (n-octanol/water):** 6.4-7.9 log POW

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- **Viscosity:**
- Dynamic:** *Not determined.*
- Kinematic at 40°C:** *4.23-5.35 mm²/s*
- **Other information** *No further relevant information available.*

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored 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.*

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rat)

- **Primary irritant effect:**
- **on the skin:** *slightly irritant*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Subacute to chronic toxicity:**
Mutagenicity: No mutagenicity according to various in vitro tests and in vivo studies.
- **Experience with humans:** *aspiration can cause damage to the respiratory tract or lungs.*

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** *No effects below the solubility limit.*
- **Persistence and degradability** *Easily biodegradable*
- **Other information:**
value >60 % BSB/ThSB
OECD 301 F
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** *Not worth-mentioning accumulating in organisms*
- **Mobility in soil** *No further relevant information available.*
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (VwVwS): slightly hazardous for water.
Do not allow product to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **Other adverse effects** *No further relevant information available.*

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13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

· **Uncleaned packaging:**

· **Recommendation:**

Non contaminated packagings may be reused.
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

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

· **Special precautions for user** Not applicable.

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Alkyl (9+) benzenes
Marpol Cat: Y

· **Transport/Additional information:** Not dangerous according to the above specifications.

· **UN "Model Regulation":** -

15 Regulatory information

· **Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Product safety

· **Contact:** Dr. Müller

· **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)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

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*PNEC: Predicted No-Effect Concentration (REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**· Sources Literature value**· * Data compared to the previous version altered.*

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