

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

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

- **1.1 Product identifier**
- **Trade name** Nebol
- **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** Industrial / commercial use
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
IGEBA Gerätebau GmbH
Boschensaepe 2
87480 Weitnau
Tel: 08375 / 9200-0
Fax: 08375 / 9200-22
Mail: info@igeba.de
Internet: www.igeba.de
- **Informing department:** Product safety department
- **1.4 Emergency telephone number:**
Beratungsstelle bei Vergiftungen, Berlin (Giftnotrufzentrale)
Tel.: +49 (0) 30 / 19240

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions (aqueous solution).
- **Dangerous components:** Void

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General advice:** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact**
In general the product does not cause skin irritation.
Wash with soap and water.
- **After eye contact**
Rinse opened eye for 15 minutes under running water.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name **Nebol**

(Contd. of page 1)

In case of persistent symptoms consult doctor.

- After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical advice if symptoms persist.

- 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

Can be released in case of fire:

carbon oxides (CO_x)

organic decomposition products

- 5.3 Advice for firefighters

- Protective equipment:

See section 8.

Wear full protective suit with self-contained breathing apparatus.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

- 6.2 Environmental precautions: Dilute with much water.

- 6.3 Methods and material for containment and cleaning up:

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 The usual good standards of industrial hygiene should be maintained.

- Information about protection against explosions and fires: No special measures required.

- 7.2 Conditions for safe storage, including any incompatibilities

- Storage Keep containers tightly closed. Store in cool, dry conditions.

- Requirements to be met by storerooms and containers: Store in cool location.

- Information about storage in one common storage facility: Store away from oxidising agents.

- Further information about storage conditions: Protect from heat and direct sunlight.

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

GB

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name **Nebol**

(Contd. of page 2)

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters

- Components with critical values that require monitoring at the workplace:

CAS: 57-55-6 propane-1,2-diol (50-100%)

WEL	Long-term value: 474* 10** mg/m ³ , 150* ppm *total vapour and particulates **particulates
-----	--

CAS: 56-81-5 glycerol (25-50%)

WEL	Long-term value: 10 mg/m ³
-----	---------------------------------------

- **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

The usual precautionary measures should be adhered to in handling the chemicals.

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

- **Breathing equipment:** Not required.

- **Protection of hands:** Protective gloves and protective skin cream.

- Material of gloves

Butyl rubber, BR

Nitrile rubber, NBR

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.

- Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Safety glasses recommended during refilling.

- **Body protection:** Light weight protective clothing

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- General Information

- Appearance:

Form:	Fluid
Colour:	Colourless

- Smell: Odourless

- Odour threshold: Not determined.

- pH-value: Not determined.

- Change in condition

Melting point/Melting range:	< 0 °C
Boiling point/Boiling range:	Not determined

- Flash point: > 180 °C

- **Inflammability (solid, gaseous)** Not applicable.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name Nebol

(Contd. of page 3)

- Ignition temperature:	
Decomposition temperature:	Not determined.
- Self-inflammability:	Product is not selfigniting.
- Danger of explosion:	Product is not potentially explosive
- Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
- Vapour pressure:	Not determined.
- Density at 20 °C	ca. 1.1 g/cm ³
- Relative density	Not determined.
- Vapour density	Not determined.
- Evaporation rate	Not determined.
- Solubility in / Miscibility with Water:	Fully miscible
- Partition coefficient (n-octanol/water):	Not determined.
- Viscosity:	
dynamic:	Not determined.
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:** To avoid thermal decomposition do not overheat.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidizing agents
- **10.6 Hazardous decomposition products:**
Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.
Formation of carbon monoxide and carbon dioxide in case of fire.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **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.

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name **Nebol**

(Contd. of page 4)

- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** Readily biodegradable
- **12.3 Bioaccumulative potential** No bioaccumulation
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Do not allow to enter drainage system, surface or ground water
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **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**
The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.
- **Recommendation** If possible, send to be recycled, otherwise burn or deposit in a certified facility.
- **Waste disposal key number:**
Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
- **Uncleaned packagings:** Disposal must be made according to official regulations.
- **Recommendation:**
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|--|------|
| - 14.1 UN-Number | |
| - ADR, IMDG, IATA | Void |
| - 14.2 UN proper shipping name | |
| - ADR, IMDG, IATA | Void |
| - 14.3 Transport hazard class(es) | |
| - ADR, IMDG, IATA | |
| - Class | Void |

(Contd. on page 6)

— GB —

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name **Nebol**

(Contd. of page 5)

- 14.4 Packing group	
- ADR, IMDG, IATA	Void
- 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.
- Transport/Additional information:	Not dangerous according to the above specifications.
- UN "Model Regulation":	Void

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **TSCA (Toxic Substances Control Act)**

All ingredients are listed.

- **Canadian Domestic Substances List (DSL)**

All ingredients are listed.

- **Philippines Inventory of Chemicals and Chemical Substances**

All ingredients are listed.

- **Chinese Chemical Inventory of Existing Chemical Substances**

All ingredients are listed.

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

- **Korean Existing Chemical Inventory**

CAS: 57-55-6	propane-1,2-diol	KE-29267
--------------	------------------	----------

CAS: 56-81-5	glycerol	KE-29297
--------------	----------	----------

- **New Zealand Inventory of Chemicals**

All ingredients are listed.

- **Existing Chemical Substances (Japan)**

CAS: 57-55-6	propane-1,2-diol	2-234
--------------	------------------	-------

CAS: 56-81-5	glycerol	2-242
--------------	----------	-------

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations**

- **Technical instructions (air):**

Class	Share in %
NK	50-100

- **Water hazard class:**

Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances): slightly hazardous for water.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

GB

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.09.2016

Version number 1

Revision: 28.09.2016

Trade name Nebol

(Contd. of page 6)

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** Void

- **Department issuing data specification sheet:** see item 1: Informing department

- **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

LEV: Local Exhaust Ventilation

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC and RCR= Estimated Exposition/DNEL)

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 Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

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)

vPvB: very Persistent and very Bioaccumulative