

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

Printing date: 04.24.2012

Version: 1

Revision: 08.06.2013

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

- **1.1 Product identifier**
- **Trade name: IMWITOR 948**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against: -**
- **Uses advised against: -**
- **Application of the substance / the preparation:**
Raw material for industrial applications
Cosmetic raw material
Emulsifier
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
CHEMTREC: 1-800-424-9300 (US and Canada) | 1-703-527-3887 (For calls originating elsewhere)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
 - **Information concerning particular hazards for human and environment:**
According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).
The product does not have to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - **Classification system:**
The classification was made according to the latest editions of the EC-lists and expanded using company data and specialized literature.
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- **2.2 Label elements**
 - **Labeling according to EU guidelines:**
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
 - **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 characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**
CAS: 56-81-5 glycerol ≤6%
EINECS: 200-289-5 substance with a Community workplace exposure limit

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- **Additional information:** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:**
If symptoms persist or in case of doubt, seek medical advice.
No special measures required.
- **After inhalation:** Supply fresh air; consult a doctor in case of pain.
- **After skin contact:** Wash with water and soap.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**
Rinse mouth with water.
If symptoms persist, consult doctor.
- **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** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Carbon dioxide (CO₂)
Extinguishing powder
Foam
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Noxious gases/vapors
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information:** 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**
Particular danger of slipping on leaked/spilled product.
Wear protective clothing.
Do not smoke - keep ignition sources away
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections** See Section 8 for information on personal protection equipment.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Avoid inhalation of vapors.
Use respirator if aerosols arise.

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- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Not required
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feed.
- **Further information about storage conditions:** None
- **Storage class:** 10 Combustible liquids
- **7.3 Specific end use(s)** No further relevant information available

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** Mechanical ventilation/exhaustion is strongly recommended.
- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**
56-81-5 glycerol
WEL (Great Britain) Long-term value: 10 mg/m³
OEL (Ireland) Long-term value: 10 mg/m³
- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures should be adhered to when handling chemicals.
Do not inhale gases/fumes/aerosols.
Use skin protection cream for skin protection.
- **Breathing equipment:**
Not required under normal use
Use suitable respiratory protective device only when aerosol or mist forms.
Short term filter device:
Filter A/P2
Full mask with filter: ABEK-P2
Breathing equipment is only to be used in order to handle the residual risk of short term jobs if all other risk minimizing measures have been carried out e.g. retention and/or local exhaust.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/substance/preparation.
Due to missing tests no recommendation to the glove material can be given for the product / preparation / chemical mixture.
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves:**
The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material:**
The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
General Information:	
Appearance:	
Form:	Liquid
Color:	Yellow
Odor:	Characteristic
Odor threshold:	Not determined
pH-value:	Not determined
Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flashpoint	> 180°C
Flammability(solid,gaseous):	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Self ignition temperature:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Vapor pressure:	Not determined
Density at 20°C:	~ 1 g/cm ³
Relative density:	Not determined
Vapor density:	Not determined
Evaporation rate:	Not determined
Solubility in / Miscibility with Water:	Emulsifiable
Segregation coefficient (n-octanol/water):	Not determined
Viscosity:	
dynamic at 20°C:	365 mPas
kinematic:	Not determined
9.2 Other information	No further relevant information available

SECTION 10: Stability and reactivity

- 10.1 Reactivity**
- 10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications
- 10.3 Possibility of hazardous reactions** No dangerous reactions known
- 10.4 Conditions to avoid**
 - Heat
 - Dirt
 - Chemical contamination
 - Sunlight, UV or ionizing radiation
- 10.5 Incompatible materials:** No further relevant information available

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- **10.6 Hazardous decomposition products:**

No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**

- **Acute toxicity:**

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

Conclusion by analogy
(literature data)

Oral $LD_{50} > 2000$ mg/kg (rat)

Dermal $LD_{50} > 2000$ mg/kg (rabbit)

- **Primary irritant effect:**

- **on the skin:**

The product itself has not been tested. Information is based on products of similar structure and composition.
No irritating effect

- **on the eye:**

The product itself has not been tested. Information is based on products of similar structure and composition.
Slight irritating effect species: rabbit (eye) OECD test 405

- **Sensitization:**

No sensitizing effect in guinea pig in maximation test
The product itself has not been tested. Information is based on products of similar structure and composition.

- **Other information (about experimental toxicology):**

The product itself has not been tested. Information is based on products of similar structure and composition.
Mutagenicity (Salmonella typhimurium): negative

- **Carcinogenic, mutagenic effects and adverse effects on reproduction:** No data available

- **Subacute to chronic toxicity:**

- **STOT-single exposure** No classification

- **STOT-repeated exposure:** No data available

- **Aspiration hazard** Not relevant

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

The product itself has not been tested. Information is based on products of similar structure and composition.
In the range of water solubility not toxic under test conditions.

- **12.2 Persistence and degradability** No further relevant information available

- **Other information:** The product is biodegradable.

- **12.3 Bioaccumulative potential** No bioaccumulation to be expected

- **12.4 Mobility in soil** strong Absorption on the ground

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Danger to drinking water is possible if large quantities leak into the ground or into water course.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable

- **vPvB:** Not applicable

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- **12.6 Other adverse effects** No further relevant information available

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

• 14.1 UN-Number • ADR, ADN, IMDG, IATA	Void
• 14.2 UN proper shipping name • ADR, ADN, IMDG, IATA	Void
• 14.3 Transport hazard class(es) • ADR, ADN, IMDG, IATA • Class	Void
• 14.4 Packing group • ADR, IMDG, IATA	Void
• 14.5 Environmental hazards: • Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
According to appendix 3 of VwVwS dated 27.7.2005 (German regulation)
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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:**

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