

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

Printing date: 03.22.2012

Version: 1

Revision: 07.31.2013

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

- **1.1 Product identifier**
- **Trade name: IMWITOR 780 K**
- **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)

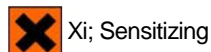
SECTION 2: Hazards identification

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



Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



R43: May cause sensitization by skin contact.

- **Information concerning particular hazards for human and environment:**
Heightened danger of slipping when the product is spilled on the floor.
- **Classification system:** The classification is based on own toxicological test results.

- **2.2 Label elements**

- **Labeling according to Regulation (EC) No 1272/2008** The product is classified and labeled according to the CLP regulation.
- **Hazard pictograms**



- **Signal word** Warning
- **Hazard statements**
H317 May cause an allergic skin reaction.
- **Precautionary statements**
P280 Wear protective gloves/clothing.
P272 Contaminated work clothing should not be allowed out of the workplace.

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P261 Avoid breathing mist/vapors/spray.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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 characterization: Mixtures**
- **Description:** Partial glycerides of isostearic acid and succinic acid
- **Dangerous components:** Void

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.
- **After inhalation:**
In case of complaints which may be caused by vapors supply fresh air and call a doctor.
In case of unconsciousness, place patients on their side in a stable position for transportation.
- **After skin contact:**
Remove soiled clothes and shoes.
Clean affected skin thoroughly with water and a mild cleansing agent. No residues shall remain on the skin. If skin irritation continues, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse mouth with water. Spit liquid out again.
In case of unintentional swallowing of larger quantities or if any symptoms occur seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed** Allergic reactions
- **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:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant 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:
Carbon monoxide (CO)
Carbon dioxide (CO₂)
- **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.

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SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system. Do not allow to penetrate the ground/soil.
In case of seepage into the ground inform responsible authorities.
- **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 7 for information on safe handling
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid contact with eyes and skin.
- **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.
Refer to national regulations for storing hazardous chemicals.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **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:** No further data; see item 7.
- **8.1 Control parameters**
- **Components with limit 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 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. Wash hands before breaks and at the end of work. After skin contact, cleanse skin thoroughly.
After contact with eyes, rinse immediately.
- **Breathing equipment:**
Under normal conditions of use not required
In case of unintended release:
If vapors form, use suitable respiratory protective device.
Short term filter device:
Filter A/P2
- **Protection of hands:**
Chemical resistant gloves

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The glove material has to be impermeable and resistant to the product/substance/preparation.
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
After use of gloves apply skin-cleaning agents and skin cosmetics.

• **Material of gloves:**

Adjust selection of glove material to the other substances used.

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:** Safety glasses with side shields

• **Body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

• **9.1 Information on basic physical and chemical properties**

• **General Information:**

• **Appearance:**

Form:	Liquid Yellow
Color:	Characteristic
Odor:	Not determined
Odor threshold:	Not determined

• **pH-value:**

• Change in condition:	Not determined
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

• Flash point:	Not applicable
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• **Flammability (solid, gaseous):**

• Ignition temperature:	Not determined
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Decomposition temperature:	Product is not self-igniting.
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• Self ignition temperature:	Product does not present an explosion hazard.
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• **Danger of explosion:**

• Explosion limits:	Not determined
Lower:	Not determined
Upper:	None

• Oxidizing properties:	Not determined
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• Vapor pressure:	~ 0.97 g/cm ³
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• Density at 20°C:	Not determined
• Relative density:	Not determined
• Vapor density:	Not determined
• Evaporation rate:	

• Solubility in / Miscibility with Water:	Emulsifiable
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• Segregation coefficient (n-octanol/water):	Not determined
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• Viscosity:	
dynamic at 25°C:	~ 800 mPas
kinematic:	Not determined

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|--------------------------------|---|
| • 9.2 Other information | No further relevant information available |
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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** No further relevant information available
- **10.5 Incompatible materials:** No further relevant information available
- **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:**
Oral LD₅₀ > 2000 mg/kg (rat) (OECD 401)
- **Primary irritant effect:**
- **on the skin:**
Light irritation OECD Method: 404
Not to be classified
- **on the eye:** No irritating effect species: rabbit (eye) OECD test 405
- **On respiratory tract:** No data available
- **Sensitization:** Sensitizing (OECD 429 - Local Lymph Node Assay; mouse)
- **Other information (about experimental toxicology):**
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
Mutagenicity: no information available
Carcinogenicity: no information available
Toxicity for reproduction: no information available
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No classification
- **STOT-repeated exposure:** No data available
- **Aspiration hazard** No classification

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** Presently there are no ecotoxicological values available.
- **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 2 (German Regulation) (Self-assessment): hazardous to water



Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water even if small quantities leak into the ground.

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- **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.

Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.

- **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
• Transport/Additional information:	Not dangerous according to the above regulations
• UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Information about limitation of use:** Take note of Directive 94/33/EC on the protection of young people at work.
- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water

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- **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:**

Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775

- **Contact:** Sarah Keyes

- **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: 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 Labeling of Chemicals
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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