

SAFETY DATA SHEET

Safety data sheet
According to 1907/2006/EC, Article 31
Version: 2

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Printing date: 8/7/2013

Revision: 8/7/2013

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

- **1.1 Product identifier**
- **Trade name:** CremerCOOR® PG3 DIS

- **CAS Number:**
63705-03-3
- **EC Number:**
N/A
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** Industrial use. Raw material in Cosmetics, Lubricants, greases, release products.
- **Application of the substance/ the preparation:** N/A
- **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 accord to Regulation (EC) No 1272/2008:** According to EC directives or the corresponding national regulations the product does not have to be labeled.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC:** According to EC directives or the corresponding national regulations the product does not have to be labeled.
- **Information concerning particular hazards for human and environment:**
No risks worthy of mention.
- **2.2 Label Elements**
- **Hazard statements:** Identification is not obligatory. Please observe the information on the safety data sheet at all times.

Trade name: CremerCOOR® PG3 DIS

SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterization: Substances**
- **CAS No. Description:** 63705-03-3 Polyglyceryl-3-diisostearate

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SECTION 4: First aid measures

- **Description of first aid measures**
- **General information:** No special measures are necessary. In all cases of doubt, or when symptoms persist, seek medical advice.
- **After inhalation:**
Move victim to fresh air. Get medical advice/attention if you feel unwell.
- **After skin contact:**
Wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- **After eye contact:**
Rinse immediately with plenty of flowing water for 10-15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.
- **After swallowing:**
Rinse mouth immediately and drink plenty of water. Do not induce vomiting. Get medical advice/attention if you feel unwell.
- **4.2 Most important symptoms and effects, both acute and delayed:** The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.
- **4.3 Indication of any immediate medical attention and special treatment needed:** First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, sand, extinguishing powder.
- **For safety reasons unsuitable extinguishing agents:** Water.
- **5.2 Special hazards arising from the substance or mixture:**
Thermal decomposition can lead to the escape of irritating gases and vapors.
Carbon dioxide, carbon monoxide.
- **5.3 Advice for firefighters**
- **Protective equipment:** self-contained respirator (breathing apparatus) (DIN EN 133)
- **Additional Information:**
Co-ordinate fire-fighting measures to the fire surroundings. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

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SECTION 6: Accidental Release Measures

- **6.1 Personal precautions, protective equipment and emergency procedures:**
Special danger of slipping by leaking/spilling product. Avoid the formation of aerosol. Do not breathe vapor/aerosol. Provide adequate ventilation. Avoid contact with skin, eyes and clothes. Wear personal protection equipment: refer to chapter 8.
- **6.2 Environmental precautions:**
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contamination washing water and dispose it.
- **6.3 Methods and material for containment and cleaning up:**
Measures to prevent aerosol and dust generation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid-or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Dispose according to legislation. Do not allow to enter into ground-water, surface water or drains.
- **6.4 Reference to other sections:** Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Avoid the formation of aerosol. Provide good ventilation. Avoid contact with skin, eyes and clothes.
- **Information about protection against explosions and fires:**
Usual measures for fire prevention. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Keep away from sources of ignition – No smoking.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). No special measures are necessary.
- **Further information about storage conditions:**
None.
- **Storage Class:** N/A
- **7.3 Specific end use(s):** See information supplied by the manufacturer.

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SECTION 8: Exposure controls/personal protection

- **8.2 Exposure Controls**
- **General protective and hygienic measures:**
General health and safety measures. When using, do not eat, drink or smoke. Wash hands before breaks and after work. Protect skin by using skin protective cream. Wash contaminated clothing prior to re-use.
- **Breathing equipment:** With correct and proper use, and under normal conditions, breathing protection is not required. Respiratory protection necessary at/for: aerosol or mist formation. Self-contained respirator (breathing apparatus) (DIN EN 133), Combination filtering device (DIN EN 141). Filter type: ABEK-P2.
- **Protection of hands:**
Wear suitable gloves. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
- **Eye protection:** Wear eye glasses with side protection according to EN 166.
- **Body protection:** Wear suitable protective clothing. Take off immediately all contaminated clothing.
- **Engineering measures:** Provide good ventilation.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information:**
- **Appearance:**
 - Form: Liquid
 - Color: Colorless-light yellow
 - Odor: Light
 - Odor threshold: Not data available.
- **Change in condition:**
 - Melting point/melting range: Not data available.
 - Boiling point/boiling range: > 150°C
- **Flash point/°C:** > 200°C
- **Evaporation rate:** Not data available.
- **Flammability:** Not highly flammable.
- **Self ignition temperature:** Not self-igniting
- **Danger of explosion:** Not data available.
- **Vapor pressure:** Not data available.
- **Density:** Not data available.
- **Explosion limits:** Not data available.
- **Solubility:** Soluble in: many organic solvents.
- **Water Solubility:** Insoluble.
- **Decomposition temperature:** Not data available.
- **Viscosity:**
 - dynamic: Not data available.
- **Oxidation:** Not data available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity:** The product is stable if stored and handled as prescribed/indicated.
- **10.2 Chemical Stability:** The product is stable if stored and handled as prescribed/indicated.
- **10.3 Possibility of hazardous reactions:** The product is stable if stored and handled as prescribed/indicated.
- **10.4 Conditions to avoid:** Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

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- **10.5 Incompatible materials:** Strong acid, Oxidizing agent.
- **10.6 Hazardous decomposition products:**
No risks worthy of mention.

SECTION 11: Toxicological Information

- **11.1 Information on toxicological effects**

Oral toxicity/ mg/kg	LD50: >5000 mg/kg Virtually nontoxic after a single ingestion.
Dermal toxicity/ mg/kg	No data available.
Inhalative toxicity/ mg/l	No data available.
Irritant effect on skin	Not irritating to the skin. (epicutaneous testing)
Irritant effect on eyes	Not irritating to the eyes.
Sensitization	No data available.
Carcinogenic effects	No data available.
Mutagenicity	No data available.
Reproduction toxicity	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
remarks:	No data available.
Aspiration hazard	No data available.

SECTION 12: Ecological Information

- **12.1 Toxicity**

Toxicity to fish/ mg/l

Value	Test species	Duration of dosage	Remarks
LC50: >1000 mg/l	Poecilia reticulata (Guppy)	96 h	Test substance: Polyglycerol
No toxic effects occur within the range of water solubility.			

Toxicity to daphnia/ mg/l

Value	Test species	Duration of dosage	Remarks
LC50: >1000 mg/l	Daphnia magna	48 h	Test substance: Polyglycerol
No toxic effects occur within the range of water solubility.			

Toxicity to algae/ mg/l

Value	Test species	Duration of dosage	Remarks
LC50: >1000 mg/l	Selenastrum capricornutum	96 h	Test substance: Polyglycerol
No toxic effects occur within the range of water solubility.			

Aquatic toxicity/ mg/l

There is a high probability that the product is not acutely harmful to aquatic organisms.

- **Persistence and degradability**

Biodegradable

Product is biodegradable.

- **Bioaccumulative potential**

Bioaccumulation

No data available.

- **Mobility in soil**

Distribution in the environment

No data available.

- **Results of PBT and vPvB assessment**

Results of PBT characteristics determination

This substance does not meet the criteria for classification as PBT or vPvB.

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Send to a hazardous waste incinerator facility under observation of official regulations.
- **Un-cleaned packaging:**
- **Recommendation:** Handle contaminated packages in the same way as the substance itself. Ask manufacturer for recycling information.

SECTION 14: Transport information

	Land transport GGVS / ADR/RID	Marine transport IMDG / GGVSee	Air transport ICAO/IATA
Remarks	No dangerous good in sense of this transport regulation.	No dangerous good in sense of this transport regulation.	No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory Information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Additional regulations:** Observe in addition any national regulations

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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.

- **Reasons for amendments:**
Layout
Information Section 1, 5, 9, 10
Storage class
Information on toxicity
- **Replaces version dated: 8/7/2013**
- **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.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
CAS: Chemical Abstracts Service (Division of the American Chemical Society).
LC50: Lethal concentration, 50 percent.
LD50: Lethal dose, 50 percent
- **Sources:** MSDS of the supplier

IMPORTANT: The information on product provided herein, while believed to be accurate and reliable, is given without guarantee or warranty of any kind expressed or implied. Any implied warranties of merchantability and fitness for purposes are expressly disclaimed. Purchaser assumes all risk in acting on this information or any information provided by Peter Cremer N.A. representatives. Individual requirements may vary, and each purchaser is urged to perform its own tests, experiments and investigations in the use of Peter Cremer N.A. products for purposes of determining efficacy for the intended use and for purposes of determining compliance with applicable Federal, State and local laws and regulations. Nothing contained herein shall be construed as a recommendation to use any product in connection with existing patents covering any material or its use. Moreover, no license is to be implied under any patents relating to uses of the above described chemicals other than those uses specifically referenced herein.