

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Article no.: 24301

PREGASOL F

Date of print: 24.11.2012

Revision date: 21.11.2012

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1. Identification of the substance/ preparation and of the company/ undertaking

Article no. (manufacturer / supplier): 24301
Identification of the substance or preparation: PREGASOL F
Use of the substance/ preparation: Cleaner / Thinner
For industrial purposes only.

Supplier (manufacturer/importer/downstream user/distributor):

KISSEL + WOLF GmbH
In den Ziegelwiesen 6
69168 Wiesloch

Telephone: 49 6222 578-0
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Dept. responsible for information:

EHS
Environment-Health-Safety

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2. Hazards identification

Hazard designation:

Information pertaining to special dangers for human and environment

n.a.

3. Composition/ Information on ingredients

chemical characterization (preparation)

Description: Mixture of components, as listed below, with nonhazardous constituents

Hazardous ingredients:

EC No: CAS No.:	Identification of the hazard: R phrases:	Labelling (67/548/EEC or 1999/45/EC) Remark:	% by weight
232-197-6	sodium periodate	Xn,O	1 - 2,5
7790-28-5	8-22		

Additional information

Full text of R-phrases: see section 16.

4. First-aid measures

General information:

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in unconscious position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing.

In case of eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion:

Consult physician immediately.

Do not induce vomiting.

5. Firefighting measures

Suitable extinguishing media:

Foam. Water mist Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

Strong water jet.

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting

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gases:

Gases/vapours, toxic.

Special protective equipment for firefighters:

Provide a conveniently located respiratory protective device.

Additional information:

The danger areas must be delimited and identified using relevant warning and safety signs. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

6. Accidental release measures

Personal precautions

Keep away from sources of ignition. Ventilate affected area. Remove persons to safety. Do not breathe vapours. See protective measures under point 7 and 8.

Environmental measures

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations. Provide good ventilation.

methods for cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13).

7. Handling and storage

Handling

Advices on safe handling

Heed the usual precautionary measures of handling chemicals.
Avoid the formation of aerosol.

Storage

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.
VCI-storage class, see Chapter 15

Requirements for storerooms and containers:

Always keep in containers that correspond to the material of the original container. Ensure adequate ventilation of the storage area.

Further remarks:

VCI-storage class, see Chapter 15

8. Exposure controls / Personal protection

Provide good ventilation.

Components with occupational exposure limits resp. biological occupational exposure limits requiring monitoring:

EC No:	Description:
CAS No.:	

-

Personal protection equipment

Respiratory protection:

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used.

Hand protection:

Chemical resistant protective gloves: DIN EN 374
Recommendation for contact by spatter: Protection Index 2
Permeation time >30 min., e.g. butyl rubber 0,4 mm
Recommendation for direct contact: Protection Index 6
Permeation time >480 min., e.g. nitrile rubber 0,4 mm

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Eye protection:

Tightly sealed safety glasses. DIN EN 166

Body protection:

Protective measures:

Avoid contact with skin, eyes and clothes. After contact clean skin thoroughly with water and soap oder use appropriate cleanser.

9. Physical and chemical properties

Appearance:

Physical state: liquid
Colour: colourless
Odour: odourless

Safety relevant basis data

		Method	Remark:
Flash point:	n.a. °C	DIN 53213	
Vapour pressure:	22,53 mbar (20°C)		
Density:	1,02 g/cm ³ (20°C)		
Boiling temperature / boiling range:	100 °C (101,3 kPa)		
Water solubility (g/l):	very soluble.		
pH:	4,00 (20°C)		
Viscosity:	n.a.		

10. Stability and reactivity

Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

11. Toxicological information

Practical experience

Other observations:

Prolonged or repeated contact with the preparation can lead to irritations of mucous membranes and of skin such as redness, formation of blebs, dermatitis, etc..

Overall Assessment on CMR properties:

The components in this formulation do not meet the criteria for classification as CMR category 1 or 2.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified according to the toxicological dangers. See chapters 2 and 15 for details.

12. Ecological information

Overall evaluation:

Do not empty into drains.

Do not store at public landfills.

Technically correct releases of minimal concentrations to adapted biological sewage treatment facility, will not disturb the biodegradability of activated sludge.

Results of PBT assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

13. Disposal considerations

Appropriate disposal / Product

Recommendation:

Control report for waste code/ waste marking according to EAKV:

160507 discarded inorganic chemicals consisting of or containing dangerous substances

Contaminated packaging:

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Recommendation: Cleaned containers may be recycled. Vessels not properly emptied are special waste.

14. Transport information

Transport according to ADR/RID, IMDG and ICAO/IATA.

Land transport (ADR/RID)

Class: not a dangerous good
Hazard label: n.a.
UN-No.: n.a.
Hazard identification number (Kemler No.): n.a.
Proper Shipping Name
Packing Group: n.a.
Tunnel restriction code: -

Sea transport (IMDG)

Class: n.a.
Hazard label: n.a.
IMDG-CODE-Class: n.a.
UN-No.: n.a.
Proper Shipping Name
Packing Group: n.a.
Marine pollutant: n.a.

Air transport (ICAO-TI / IATA-DGR)

Class: n.a.
Hazard label: n.a.
UN-No.: n.a.
Packing Group: n.a.

15. Regulatory information

Observe in addition any national regulations!

Informations on working limitations:

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Storage class:

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(VCI-concept for storage of chemicals in one common storage facility)

Class: I: 0 % II: 0 % III: 0 %

VbF classification:

n.a.

Labelling (67/548/EEC or 1999/45/EC)

Hazard symbol(s) and hazard identifier(s) for dangerous materials and preparations:

Contains:
n.a.

R phrases:
n.a.

Safety precautions:
n.a.

Special provisions concerning the labelling of certain mixtures
n.a.

Other regulations (EU):

Listed in TOXIC SUBSTANCES CONTROL ACT (TSCA)

16. Other information

Wording of the r-phrases under paragraph 3:

8 Contact with combustible material may cause fire.
22 Harmful if swallowed.

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Further remarks:

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.