

Substance key: SXR024288  
Version : 3 - 0 / USA

Revision Date: 04/29/2015  
Date of printing :05/19/2015

**SECTION 1. IDENTIFICATION**

<b>Identification of the company:</b>	Clariant Corporation 4000 Monroe Road Charlotte, NC 28205 Telephone No.: +1 704-331-7000
<b>Information of the substance/preparation:</b>	Product Safety 1-704-331-7710
<b>Emergency tel. number:</b>	+1 800-424-9300 CHEMTREC

**Trade name:** HOSTASTAT FE 20 LIQ  
**Material number:** 107023  
**CAS number:** 85029-63-6  
68911-02-4  
**Synonyms:** Hostastat FE 20  
**Primary product use:** Additive  
**Chemical family:** glycerol fatty acid ester

**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Skin sensitisation : Sub-category 1B

**GHS Label element**

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves.  
**Response:**  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P363 Wash contaminated clothing before reuse.  
**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

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**Other hazards**

Avoid contact with skin and eyes.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Fatty acids, coco, esters with 3,3'-oxybis[1,2-propanediol]	85029-63-6	<= 100

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**SECTION 4. FIRST AID MEASURES**

General advice	: Get medical advice/ attention if you feel unwell.
If inhaled	: Move the victim to fresh air. Give oxygen or artificial respiration if needed. Get immediate medical advice/ attention. Never give anything by mouth to an unconscious person.
In case of skin contact	: Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.
In case of eye contact	: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
If swallowed	: Get immediate medical advice/ attention.
Most important symptoms and effects, both acute and delayed	: The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.
Notes to physician	: None known.

**SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media	: Water mist Foam Carbon dioxide (CO2) Dry powder
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: Emits highly toxic fumes under fire conditions.

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- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment for firefighters : Self-contained breathing apparatus
- impervious clothing  
Protective helmets

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**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.  
Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.  
Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up : Take up mechanically
- Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

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**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : No special measures necessary.
- Advice on safe handling : Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.
- Technical measures/Precautions : Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.
- Materials to avoid : Do not store with strong oxidizing agents
- Do not store or transport together with foodstuffs

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**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Components with workplace control parameters**

- Engineering measures** : Local ventilation recommended - mechanical ventilation may

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be used.

**Personal protective equipment**

Respiratory protection : Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.

Hand protection

Remarks : Nitrile rubber gloves.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

Protective measures : Observe the usual precautions for handling chemicals.

Hygiene measures : Observe the usual precautions for handling chemicals.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Liquid

Colour : yellow

Odour : not specified

Odour Threshold : not determined

pH : not tested.

Solidification point : approx. 20 °C  
Method: DIN 51583

Boiling point : not determined

Flash point : approx. 208 °C  
(1,013 hPa)  
Method: Pensky-Martens (DIN EN ISO 2719) (closed cup)  
GLP: no

Evaporation rate : not tested.

Upper explosion limit : not tested.

Lower explosion limit : not tested.

Vapour pressure : not tested.

Relative vapour density : not tested.

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Density	:	approx. 0.99 g/cm <sup>3</sup> (20 °C) Method: DIN 51757
Solubility(ies) Water solubility	:	practically insoluble (20 °C)
Partition coefficient: n- octanol/water	:	not tested.
Auto-ignition temperature	:	not tested.
Decomposition temperature	:	No decomposition if used as directed.
Viscosity Viscosity, dynamic	:	approx. 200 mPa.s (50 °C) Method: DIN 53015
Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous reactions	:	No dangerous reaction known under conditions of normal use. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals
Conditions to avoid	:	None known.
Incompatible materials	:	not known
Hazardous decomposition products	:	The product does not contain any chemical groups which suggest self-reactive properties, nor is the estimated SADT less than 75 °C, nor is the exothermic decomposition energy higher than 300 J/g. When handled and stored appropriately, no dangerous decomposition products are known

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**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

None known.

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**Acute toxicity****Product:**

Acute oral toxicity : LD50 (Rat): &gt; 2,000 mg/kg

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

**Skin corrosion/irritation****Product:**

Species: Rabbit

Result: No skin irritation

**Serious eye damage/eye irritation****Product:**

Species: rabbit eye

Result: No eye irritation

**Respiratory or skin sensitisation****Product:**

Test Type: Mouse local lymphnode assay

Exposure routes: Skin contact

Species: Mouse

Assessment: The product is a skin sensitiser, sub-category 1B.

Method: OECD Test Guideline 429

Result: The product is a skin sensitiser, sub-category 1B.

GLP: yes

**Germ cell mutagenicity****Product:**Germ cell mutagenicity -  
Assessment : No information available.**Carcinogenicity****Product:**Carcinogenicity -  
Assessment : No information available.**IARC** Not listed**OSHA** Not listed**NTP** Not listed

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**Repeated dose toxicity****Product:**

Remarks: not tested.

**Experience with human exposure****Product:**

General Information : The possible symptoms known are those derived from the labelling (see section 2).

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity****Product:**

Toxicity to fish :  
Remarks: not tested.

Toxicity to daphnia and other aquatic invertebrates :  
Remarks: not tested.

Toxicity to algae :  
Remarks: not tested.

Toxicity to bacteria : ECO: > 1,000 mg/l  
Method: fermentation tube test

**Persistence and degradability****Product:**

Biodegradability : Biodegradation: > 70 %  
Method: beaker test

**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: not tested.

**Mobility in soil**

no data available

**Other adverse effects****Product:**

Environmental fate and pathways : Remarks: no data available

Additional ecological information : Product is insoluble in water

May be separated mechanically in waste water plants.

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**SECTION 13. DISPOSAL CONSIDERATIONS****Disposal methods**

- RCRA - Resource Conservation and Recovery Act  
Waste from residues : No -- Not as sold.
- Waste from residues : Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.
- Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

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**SECTION 14. TRANSPORT INFORMATION**

- DOT not restricted
- IATA not restricted
- IMDG not restricted

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**SECTION 15. REGULATORY INFORMATION****EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

- SARA 311/312 Hazards** : Acute Health Hazard
- SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
- SARA 313** : This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

**The components of this product are reported in the following inventories:**

- TSCA : On TSCA Inventory



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**Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

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**SECTION 16. OTHER INFORMATION****Further information**

On the basis of an extensive test program, which had to be submitted to the competent authority on the occasion of the Notification of the substance in the European Community, this product was found to be toxicologically not dangerous within the meaning of the EC Directives.

None known.

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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