

Hostastat FA 24 liq

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SECTION 1. IDENTIFICATION

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

Trade name:	Hostastat FA 24 liq
Material number:	198870
CAS number:	61791-31-9
Primary product use:	Additive
Chemical family:	N.N-bis-(2-hydroxyethyl) coco fatty amine

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

Skin corrosion : Category 1B

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off

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immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

Storage:

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

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

Chemical Name	CAS-No.	Concentration (%)
N,N-bis-(2-hydroxyethyl) coco fatty amine	61791-31-9	100

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

SECTION 4. FIRST AID MEASURES

- General advice : Remove/Take off immediately all contaminated clothing. 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 : Remove contaminated clothing. Flush all affected areas with large amounts of water for at least 15 minutes. Seek medical attention immediately.
- 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.

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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Alcohol-resistant foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:
Nitrogen oxides (NO_x)
In the event of fire, the gasses formed may have corrosive effects.
- Emits toxic and corrosive fumes under fire conditions.
- 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

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear suitable protective equipment.
Ensure adequate ventilation.
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 : Do not allow to enter drains or waterways
- Methods and materials for containment and cleaning up : Pick up mechanically or with binding material (eg sand, sawdust). Rinse away rest with water
- Can be landfilled or incinerated, when in compliance with local regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : No special measures necessary.

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- Advice on safe handling : Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling.
- Technical measures/Precautions : Store in original container.
Keep container tightly closed.
Store in a cool, dry, well-ventilated area.
- Materials to avoid : Keep away from acids.

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

- Engineering measures** : Local ventilation recommended - mechanical ventilation may 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 : Butyl Rubber, PVC Or Neoprene.
- Eye protection : Safety glasses or chemical splash goggles.
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Avoid contact with skin and eyes.
- Hygiene measures : Observe the usual precautions for handling chemicals.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Colour : clear
- Odour : not specified
- Odour Threshold : not tested.
- pH : 9 - 10, Concentration: 10 g/l (20 °C)
- pour point : approx. 0 °C
Method: ISO 3016
- Boiling point : > 360 °C

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	Method: Calculated by Syracuse.
Flash point	: approx. 210 °C Method: 92/69/EEC, A.9. GLP: no
Evaporation rate	: not tested.
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: < 0.001 Pa (25 °C) Method: Calculated by Syracuse.
Relative vapour density	: not tested.
Density	: 0.9 g/cm ³ (50 °C) Method: DIN 51757
Bulk density	: Not applicable
Solubility(ies)	
Water solubility	: approx. 10 g/l soluble, turbid
Solubility in other solvents	: not tested. Solvent: fat
Auto-ignition temperature	: not tested.
Decomposition temperature	: > 350 °C Method: DSC
Viscosity	
Viscosity, dynamic	: approx. 30 mPa.s (50 °C) Method: DIN 53015
Viscosity, kinematic	: not tested.
Explosive properties	: Not explosive Method: Expert judgement GLP: no
Oxidizing properties	: Method: Expert judgement GLP: no There are no chemical groups associated with oxidising properties present in the molecule. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added

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ingredients.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	Evolution of heat under influence of acids. Stable The substance or mixture does not emit flammable gases in contact with water.
Conditions to avoid	:	not known
Incompatible materials	:	not known
Hazardous decomposition products	:	Nitrogen oxides (NOx) 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.

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

Eye contact
Skin contact
Ingestion
Inhalation

Acute toxicity**Product:**

Acute oral toxicity	:	LD50 (Rat, female): 1,720 mg/kg GLP: no
Acute inhalation toxicity	:	Remarks: not tested.
Acute dermal toxicity	:	Remarks: not tested.

Skin corrosion/irritation**Product:**

Species: Rabbit
Exposure time: 4 h
Assessment: Causes burns.
Method: OECD Test Guideline 404
Result: Corrosive
GLP: yes

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Serious eye damage/eye irritation

Product:

Remarks: not tested.

Respiratory or skin sensitisation

Product:

Remarks: not tested.

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

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

No information available.

STOT - single exposure

Product:

Remarks: not tested.

STOT - repeated exposure

Product:

Remarks: not tested.

Repeated dose toxicity

Product:

Remarks: not tested.

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Aspiration toxicity**Product:**

no data available

Experience with human exposure**Product:**

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

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 0.1 - 1 mg/l
Exposure time: 96 hToxicity to daphnia and other :
aquatic invertebrates : Remarks: not tested.Toxicity to algae :
: Remarks: not tested.M-Factor (Acute aquatic : 10
toxicity)M-Factor (Chronic aquatic : 10
toxicity)Toxicity to bacteria : EC0: 41.5 mg/l
Method: OECD Test Guideline 209**Persistence and degradability****Product:**Biodegradability : Biodegradation: > 60 %
Exposure time: 28 d
Method: OECD Test Guideline 301B**Bioaccumulative potential****Product:**

Bioaccumulation : Remarks: not tested.

Mobility in soil**Product:**Distribution among : Remarks: not tested.
environmental compartments

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Other adverse effects**Product:**

Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act
Waste from residues : No -- Not as sold.
: Dispose of spilled or waste product, contaminated soil and other contaminated materials in licensed landfill or treatment facility in accordance with all local, state, and federal regulations.

Contaminated packaging : Packaging that cannot be cleaned should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION**DOT Regulation:**

Proper shipping name: Amines, liquid, corrosive, n.o.s.
Hazard class: 8
Packing group: II
UN/NA-number: UN 2735
Primary hazard class: 8
Technical Name: N,N-bis-(hydroxyethyl)alkylamine

IATA

Proper shipping name: Amines, liquid, corrosive, n.o.s.
Class: 8
Packing group: II
UN/ID number: UN 2735
Primary risk: 8
Remarks: Shipment permitted
Hazard inducer(s): N,N-bis-(hydroxyethyl)alkylamine

IMDG

Proper shipping name: Amines, liquid, corrosive, n.o.s.
Class: 8
Packing group: II
UN no.: UN 2735
Primary risk: 8
Hazard inducer(s): N,N-bis-(hydroxyethyl)alkylamine
Marine pollutant: Marine Pollutant
EmS: F-A S-B

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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
Chronic 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

Inventories

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

SECTION 16. OTHER INFORMATION**Further information**Observe national and local legal requirements
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

MATERIAL SAFETY DATA SHEET



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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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