

HOSTASTAT FA 14 LIQ

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Version : 4 - 2 / USA

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Date of printing :03/22/2018

SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
Information of the substance/preparation:	Product Stewardship, +1-704-331-7710
Emergency tel. number:	+1 800-424-9300 CHEMTREC

Trade name: HOSTASTAT FA 14 LIQ
Material number: 107020
CAS number: 71786-60-2
Synonyms: Product has no Synonyms

Primary product use: Additive
Primary product use: Raw material
Chemical family: 2,2'-(C12-18 evennumbered alkyl imino) diethanol

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4
Skin corrosion : Category 1A
Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/
face protection.

Response:

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P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor 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 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 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
 P363 Wash contaminated clothing before reuse.

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

Substance / Mixture : Substance
 Substance name : Ethoxylated coconut fatty acid amine
 CAS-No. : 276-014-8

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine	71786-60-2	100

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

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 : Immediately flush eyes with large amounts of water for at least

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- 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.
- If swallowed : If conscious, give the patient 1-2 glasses of water (8-16 oz.) and call a doctor. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.
- 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 spray jet
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry powder
- 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)

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.
Contain spill. Ensure adequate ventilation and wear appropriate personal protective equipment. Collect onto inert absorbent. Place in sealable container. Do not allow to contaminate water sources or sewers.
- Environmental precautions : Do not allow to enter drains or waterways
- Methods and materials for : Soak up with inert absorbent material (e.g. sand, silica gel,

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containment and cleaning up acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Observe the general rules of industrial fire protection

Advice on safe handling : Avoid contact with skin and eyes.

Technical measures/Precautions : Keep container closed.

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

No level has been established by OSHA, NIOSH, ACGIH.

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

Respiratory protection : If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134

Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.

Eye protection : Tightly fitting safety goggles
Face-shield

Skin and body protection : Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled.

Protective measures : Avoid contact with skin and eyes.

Hygiene measures : Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

Colour : light brown

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Odour	:	amine-like
Odour Threshold	:	not tested.
pH	:	9 - 10 (20 °C) Concentration: 10 g/l
pour point	:	approx. 0 °C Method: ISO 3016
Boiling point	:	approx. 385 °C Method: DSC
Flash point	:	approx. 187 °C Method: DIN EN 22719 / ISO 2719 (closed cup)
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	Not applicable
Upper explosion limit	:	Not applicable
Lower explosion limit	:	approx. 0.08 %(V)
Combustion number :		Not applicable
Vapour pressure	:	< 0.001 kPa (20 °C) Method: Calculated by Syracuse.
Relative vapour density	:	Not applicable
Density	:	approx. 0.9 g/cm ³ (50 °C) Method: DIN 51757
Bulk density	:	Not applicable
Solubility(ies)		
Water solubility	:	5 mg/l (22 °C)
Solubility in other solvents	:	not tested. Solvent: fat
Partition coefficient: n-octanol/water	:	log Pow: 0.7 (25 °C) Method: OECD Test Guideline 123
Auto-ignition temperature	:	270 °C Method: DIN 51794
Decomposition temperature	:	No decomposition if used as directed.
Viscosity		

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Viscosity, dynamic	:	approx. 30 mPa.s (50 °C) Method: DIN 53015
Viscosity, kinematic	:	not tested.
Explosive properties	:	Not explosive
Oxidizing properties	:	The substance or mixture is not classified as oxidizing.
Surface tension	:	29 mN/m, 1 g/l, 20 °C
Minimum ignition energy	:	not tested.
Particle size	:	Not applicable

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	:	No dangerous reaction known under conditions of normal use. Stable
Conditions to avoid	:	Strong acids and oxidizing agents
Incompatible materials	:	not known
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known

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

Eye contact
Skin contact
Ingestion
Inhalation

Acute toxicity**Product:**

Acute oral toxicity	:	LD50 (Rat): 500 - 2,000 mg/kg
Acute inhalation toxicity	:	Remarks: not tested.
Acute dermal toxicity	:	Remarks: not tested.

Components:**N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine:**

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Acute oral toxicity : LD50 (Rat, male and female): 1,500 mg/kg
Method: OECD Test Guideline 425
GLP: No information available.

Skin corrosion/irritation**Product:**

Species: Rabbit
Result: Corrosive

Components:**N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine:**

Species: Rabbit
Exposure time: 3 min - 4 h
Method: OECD Test Guideline 404
Result: Corrosive
GLP: yes

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

Remarks: not tested.

Components:**N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine:**

Species: rabbit eye
Result: irritating
Exposure time: 4 - 30 s
Method: OECD Test Guideline 405
GLP: no

Respiratory or skin sensitisation**Product:**

Species: Guinea pig
Method: OECD Test Guideline 406
Result: non-sensitizing

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - Assessment : It is concluded that the product is not mutagenic based on evaluation of several mutagenicity tests.

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No information available.

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IARC Not listed

OSHA Not listed

NTP Not listed

STOT - single exposure**Product:**

Remarks: not tested.

STOT - repeated exposure**Product:**

Remarks: not tested.

Repeated dose toxicity**Product:**

Species: Rat
NOAEL: 30 mg/kg
Application Route: Oral
Exposure time: 42 d
Method: OECD Test Guideline 422

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 (Danio rerio (zebra fish)): 0.1 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.84 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (Desmodesmus subspicatus (Scenedesmus)

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subspicatus)): 0.107 mg/l
 Exposure time: 72 h
 Method: OECD Test Guideline 201
 Remarks: River-water test

EC10 (Desmodesmus subspicatus (Scenedesmus subspicatus)): 0.0092 mg/l
 Exposure time: 72 h
 Method: OECD Test Guideline 201
 Remarks: River-water test

M-Factor (Acute aquatic toxicity) : 10

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : EC10 (Daphnia magna (Water flea)): 0.279 mg/l
 Exposure time: 21 d
 Method: OECD Test Guideline 211

M-Factor (Chronic aquatic toxicity) : 10

Toxicity to bacteria : EC50: 41.5 mg/l
 Method: OECD Test Guideline 209

Components:**N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine:**

M-Factor (Acute aquatic toxicity) : 10

M-Factor (Chronic aquatic toxicity) : 10

Persistence and degradability**Product:**

Biodegradability : Biodegradation: > 60 %
 Exposure time: 28 d
 Method: OECD Test Guideline 301D

Result: Readily biodegradable
 Biodegradation: > 60 %
 Exposure time: 28 d
 Method: OECD Test Guideline 301B

Chemical Oxygen Demand (COD) : 2,350 mg/g

Dissolved organic carbon (DOC) : 500 mg/g

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Bioaccumulative potential**Product:**

Bioaccumulation : Bioconcentration factor (BCF): 3,162
Method: calculated
Remarks: Low potential for bioaccumulation (log Pow < 3).

Components:**N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine:**

Bioaccumulation : Concentration: 3.16 L/kg

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: not tested.

Other adverse effects**Product:**

Results of PBT and vPvB assessment : Remarks: The substance does not meet the criteria for PBT or vPvB substance.

Additional ecological information : The results of the river water test must be divided by a factor of 10 for the determination of the classification and labelling/M-factors.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Authorization Act Waste Code : No -- Not as sold.
: NONE

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

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

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Technical Name: Cocos Fatty Amine Ethoxylate

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): Cocos Fatty Amine Ethoxylate

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): Cocos Fatty Amine Ethoxylate
Marine pollutant: Marine Pollutant
EmS: F-A S-B

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

A characteristic waste RQ of 100 lbs applies to this product in a waste form: NONE

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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SECTION 16. OTHER INFORMATION**Full text of other abbreviations**

AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Observe national and local legal requirements
None known.

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