

HOSTASTAT FA 38 MICRO PILLS

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Substance key: 000000455766

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SECTION 1. IDENTIFICATION

Identification of the company: Distributed by: Palmer Holland, Inc. 25000 Country Club Blvd., Suite 444 North Olmsted, OH 44070-5331 Emergency Telephone No.: Palmer Holland: 800-635-4822 Chemtrec: 800-424-9300	Clariant Plastics & Coatings (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
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Trade name: HOSTASTAT FA 38 MICRO PILLS**Material number:** 244738**Primary product use:** Industrial use
For further information, refer to the product technical data sheet.**Chemical family:** mixture containing ethoxylated alkylamine and calcium soaps

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200

Skin irritation : Category 2

Eye irritation : Category 2A

Combustible dust

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H315 Causes skin irritation.
H319 Causes serious eye irritation.
May form combustible dust concentrations in air.Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P243 Take precautionary measures against static discharge.

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Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

Other hazards

No additional hazards are known except those derived from the labelling.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Substance name : mixture containing ethoxylated alkylamine and calcium soaps

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine	71786-60-2	40 - 60

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.

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 : Immediately remove contaminated clothing and shoes. Wipe off the product. Wash at once with 3% Acetic Acid in water followed by plenty of soap and water for at least 15 minutes. Soap and water alone is not enough. Get medical attention. Wash contaminated clothing before reuse. Thoroughly clean or destroy contaminated shoes if necessary.

In case of eye contact : Do not wear contact lenses.
Rinse immediately with plenty of water, also under the eyelids.
Get medical attention immediately.

If swallowed : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.
Call a physician immediately.

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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 : Seek ophthalmologist treatment if spilled in eyes.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Foam
Carbon dioxide (CO₂)
Dry powder
Water mist

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.

Electrical grounding of equipment is required to prevent possible dust explosion. Emits toxic fumes under fire conditions.

Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and protective clothing. Cool containers with water to prevent rupture due to pressure buildup.

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.
Wearing appropriate personal protective equipment, contain spill and collect into 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 : Remove mechanically. Pick up rest with water or dilute acetic acid

Can be landfilled or incinerated, when in compliance with local regulations.

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SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Risk of dust explosion.
- Advice on safe handling : Avoid dust formation. Keep away from sources of ignition. Lead off electrostatic charges. Avoid inhalation, ingestion and contact with skin and eyes. 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 : Do not store near 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 : Nitrile rubber gloves.
- Eye protection : Wear safety glasses with side shields, chemical splash goggles, and /or full face shield to prevent contact with eyes. Contact lenses should not be worn when working with this material.
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Avoid contact with skin and eyes. Do not breathe dust.
- Hygiene measures : Do not eat, drink or smoke when using this product.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Fine granules
- Colour : light yellow

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Odour	:	not specified
Odour Threshold	:	not determined
pH	:	approx. 9 (20 °C) Concentration: 8 g/l Method: DIN EN 1262
Drop point	:	approx. 97 °C Method: DIN/ISO 2176
Boiling point	:	not determined
Flash point	:	approx. 230 °C Method: DIN/ISO 2592 (open cup)
Evaporation rate	:	not tested.
Flammability (solid, gas)	:	The product is not flammable. Method: EC/440/2008, A.10
Self-ignition	:	Method: VDI 2263 (Grewer) GLP: no No autoignition in the absence of diatomaceous earth. 180 °C Method: VDI 2263 (Grewer) GLP: no The sample was mixed 1:1 with diatomaceous earth.
Burning number	:	1 Method: Combustibility test safety laboratory GLP: no Does not catch fire
Upper explosion limit / upper flammability limit	:	not tested.
Lower explosion limit / Lower flammability limit	:	not tested.
Vapour pressure	:	not tested.
Relative vapour density	:	not tested.
Density	:	approx. 1 g/cm ³ (20 °C) Method: DIN 51757
Solubility(ies)		
Water solubility	:	approx. 8 g/l soluble, turbid (20 °C)
Solubility in other solvents	:	not tested.

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Partition coefficient: n-octanol/water	:	not tested.
Auto-ignition temperature	:	not tested.
Decomposition temperature	:	Heating rate: 3 K/min Method: DSC No decomposition up to 260 °C.
Viscosity		
Viscosity, dynamic	:	Not applicable
Viscosity, kinematic	:	Not applicable
Explosive properties	:	Not explosive Not explosive Method: Regulation (EC) No. 440/2008, A.14 GLP: no
Oxidizing properties	:	The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no
Dust deflagration index (Kst)	:	64 m.b_/s
Dust explosion class	:	ST1 Capable of dust explosion
Particle size	:	< 1,000 µm Method: Sieve analysis

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reactions	:	Evolution of heat under influence of acids. The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions. Stable
Conditions to avoid	:	None known.
Incompatible materials	:	not known
Hazardous decomposition products	:	Nitrogen oxides (NOx)

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

Eye contact

Skin contact

Ingestion

Inhalation

Acute toxicity**Product:**

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : Remarks: no data available

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

Remarks: no data available

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

Species: Rabbit

Exposure time: 3 min - 4 h

Method: OECD Test Guideline 404

Result: Corrosive after 1 to 4 hours of exposure

GLP: yes

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

Remarks: no data available

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

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Respiratory or skin sensitisation**Product:**

Remarks: no data available

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

Remarks: This information is not available.

Experience with human exposure**Product:**

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

Further information**Product:**

Remarks: Caustic effect on the skin and mucous membranes.

The product itself has not been tested.

Information refers to the main component.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: not tested.

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Environmental fate and pathways	:	Remarks: no data available
Results of PBT and vPvB assessment	:	Remarks: no data available
Additional ecological information	:	The product should not be allowed to enter drains, water courses or the soil. The product itself has not been tested. Ecological data given refer to the main component.

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	not restricted
IATA	
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN/ID number:	UN 3077
Primary risk:	9
Remarks:	Shipment permitted
Hazard inducer(s):	N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine
IMDG	
Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN no.:	UN 3077
Primary risk:	9
Hazard inducer(s):	N,N-Bis-(2-hydroxyethyl)C12-C18-alkylamine
Marine pollutant:	Marine Pollutant
EmS:	F-A S-F

Further information:

Non-dangerous good of class 9 for packagings <= 5 L / 5 kg

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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 313 : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

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, All components are compliant with the TSCA Inventory Notification (Active) rule.

TSCA list

TSCA - 5(a) Significant New Use Rule List of Chemicals: No substances are subject to a Significant New Use Rule.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D): No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION**Further 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

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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

Observe national and local legal requirements

Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

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