

HOSTANOX O 310 MICRO PILLS

Page 1

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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: HOSTANOX O 310 MICRO PILLS**Material number:** 171553**Primary product use:** Additive**Chemical family:** Mixture of phenolic antioxidants

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Combustible dust :

GHS Label element

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air

Precautionary statements : **Prevention:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take precautionary measures against static discharge.
P233 Keep container tightly closed.

Other hazards

Does not require a hazard warning label, but the normal safety precautions for handling chemicals must be observed.

Dust can form an explosive mixture in air.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
Product	Not Assigned	100

HOSTANOX O 310 MICRO PILLS

Page 2

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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 : 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 : If swallowed, DO NOT induce vomiting.
Do not give anything to drink.
Call a physician immediately.
- 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 : 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:
Phenols
- Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment : impervious clothing

HOSTANOX O 310 MICRO PILLS

Page 3

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

for firefighters

Protective helmets
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
Do not discharge into the subsoil/soil.
- Methods and materials for containment and cleaning up : Take up mechanically
Treat recovered material as described in the section "Disposal considerations".

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Avoid dust formation. Combustible material
- Advice on safe handling : Avoid inhalation, ingestion and contact with skin and eyes.
Wash thoroughly after handling.
Avoid dust formation. Keep away from sources of ignition.
Lead off electrostatic charges.
- Technical measures/Precautions : Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.
- Materials to avoid : Do not store or transport together with foodstuffs
Do not store with strong oxidizing agents

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

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

- Engineering measures** : Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.

Personal protective equipment

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

HOSTANOX O 310 MICRO PILLS

Page 4

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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.
Do not eat, drink or smoke when using this product.
Keep working clothes separately.
Keep away from food and drink.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : microgranule

Colour : light yellow

Odour : not specified

Odour Threshold : not determined

pH : not tested.

Melting point : approx. 92 °C

Boiling point : not determined

Flash point : Not applicable

Evaporation rate : not tested.

Flammability (solid, gas) : not highly flammable
GLP: no

Upper explosion limit : not tested.

Lower explosion limit : not tested.

Vapour pressure : Not applicable

Relative vapour density : not tested.

Relative density : approx. 1.08 (23 °C)
Method: ISO 1183
GLP: no

Density : not tested.

HOSTANOX O 310 MICRO PILLS

Page 5

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

Solubility(ies)	
Water solubility	: < 10 g/l
Solubility in other solvents	: not tested.
Partition coefficient: n-octanol/water	: not tested.
Auto-ignition temperature	: not determined
Decomposition temperature	: > 350 °C
Viscosity	
Viscosity, dynamic	: not tested.
Viscosity, kinematic	: Not applicable
Oxidizing properties	: not tested.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: 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.
Conditions to avoid	: None
Incompatible materials	: none
Hazardous decomposition products	: Carbon dioxide (CO ₂) Phenolic crack products Toxic gases/vapours

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

Eye contact
Skin contact
Inhalation

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

HOSTANOX O 310 MICRO PILLS

Page 6

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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:**

Remarks: not tested.

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: not tested.

Carcinogenicity**Product:**

Remarks: not tested.

IARC Not listed**OSHA** Not listed**NTP** Not listed**Reproductive toxicity****Product:**Effects on fertility :
Remarks: not tested.**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).

HOSTANOX O 310 MICRO PILLS

Page 7

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

Further information**Product:**

Remarks: The product has not been tested. The information is derived from the properties of the individual components.

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

Toxicity to fish : LC50: > 100 mg/l

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

Toxicity to algae : Remarks: not tested.

Toxicity to bacteria : EC50: > 1,000 mg/l

Persistence and degradability**Product:**

Biodegradability : Remarks: This property is substance-specific and therefore cannot be given for the preparation.

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

Results of PBT and vPvB assessment : Remarks: no data available

Additional ecological information : Product is insoluble in water
The product should not be allowed to enter drains, water courses or the soil.
No ecological testing was carried out on the product. Data are based on the properties of the main components

HOSTANOX O 310 MICRO PILLS

Page 8

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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 not restricted
- IMDG not restricted

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 : No SARA Hazards

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

HOSTANOX O 310 MICRO PILLS

Page 9

Substance key: 000000079821

Revision Date: 04/28/2015

Version : 6 - 0 / USA

Date of printing :05/19/2015

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**

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

Revision Date : 04/28/2015

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.

US / USA