

## HOSTAVIN N 30 PILLS

Page 1

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

## SECTION 1. IDENTIFICATION

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

<b>Trade name:</b>	<b>HOSTAVIN N 30 PILLS</b>
<b>Material number:</b>	107030
<b>CAS number:</b>	202483-55-4
<b>Synonyms:</b>	Hostavin N 30 granules
<b>Chemical family:</b>	Polymer of 2,2,4,4,-Tetramethyl-7-oxa-3,20-diazadispiro-(5.1.11.2)heneicosan-21-one and epichlorohydrin

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Not a hazardous substance or mixture.

**GHS Label element**

Not a hazardous substance or mixture.

**Other hazards**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), None under Title III of SARA

## 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.

**HOSTAVIN N 30 PILLS**

Page 2

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

- 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  
Water spray jet  
Dry powder
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:  
  
Nitrogen oxides (NO<sub>x</sub>)  
  
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 for firefighters : Wear personal protective equipment.  
In the event of fire, wear 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 : The product should not be allowed to enter drains, water courses or the soil.

**HOSTAVIN N 30 PILLS**

Page 3

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

Methods and materials for containment and cleaning up : Take up mechanically and dispose of

---

**SECTION 7. HANDLING AND STORAGE**

Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge.

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.

---

**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 : 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 : Wash hands before breaks and at the end of workday.

---

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Granules

Colour : colourless to slightly yellow

Odour : not specified

## HOSTAVIN N 30 PILLS

Page 4

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

Odour Threshold	: not tested.
pH	: not tested.
Softening point	: > 148 °C Method: DIN EN 1427
Boiling point	: not determined
Flash point	: > 260 °C Method: DIN 51758 (closed cup)
Evaporation rate	: not tested.
Flammability (solid, gas)	: does not ignite Method: Flammability (solids)
Upper explosion limit	: not tested.
Lower explosion limit	: not tested.
Vapour pressure	: not tested.
Relative vapour density	: not tested.
Density	: 1.1 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	
Water solubility	: insoluble (25 °C)
Solubility in other solvents	: not tested.
Partition coefficient: n-octanol/water	: not tested.
Auto-ignition temperature	: not tested.
Decomposition temperature	: > 360 °C Method: DSC closed cup
Viscosity	
Viscosity, dynamic	: not tested.
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive Not explosive Method: Other GLP: no
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

## HOSTAVIN N 30 PILLS

Page 5

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

Method: Expert judgement

GLP: no

The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.

**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. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Stable
Conditions to avoid	: None known.
Incompatible materials	: no data available
Hazardous decomposition products	: At high temperatures: thermal decomposition giving toxic products. Nitrogen oxides (NO <sub>x</sub> ) 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**

None known.

**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:**

Result: No skin irritation

## HOSTAVIN N 30 PILLS

Page 6

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

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

Result: slight irritant effect - does not require labelling

Method: OECD Test Guideline 405

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

Remarks: not tested.

**Germ cell mutagenicity****Product:**

Genotoxicity in vitro : Remarks: not tested.

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.

**STOT - single exposure****Product:**

Remarks: no data available

**STOT - repeated exposure****Product:**

Remarks: no data available

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

Remarks: not tested.

## HOSTAVIN N 30 PILLS

Page 7

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

**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)): 2,500 mg/l  
Method: OECD Test Guideline 203Toxicity to daphnia and other :  
aquatic invertebrates Remarks: not tested.Toxicity to algae :  
Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

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

Biodegradability : Remarks: not tested.

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

Bioaccumulation : Remarks: not tested.

**Mobility in soil**

no data available

**Other adverse effects****Product:**Environmental fate and :  
pathways Remarks: no data availableResults of PBT and vPvB :  
assessment Remarks: No information is available as no chemical safety  
report (CSR) is required.Additional ecological :  
information : May be separated mechanically in waste water plants.

## HOSTAVIN N 30 PILLS

Page 8

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

The biological degradability cannot be determined because of its insolubility.

---

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

- RCRA - Resource Conservation and Recovery Authorization Act  
Waste from residues : No -- Not as sold.
- Waste from residues : 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:**



# SAFETY DATA SHEET



## HOSTAVIN N 30 PILLS

Page 9

---

Substance key: SXR077586

Revision Date: 04/29/2015

Version : 3 - 0 / USA

Date of printing :08/25/2015

---

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

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.

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

Revision Date : 04/29/2015

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