

## HOSTAVIN VSU P

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## 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

**Trade name:** HOSTAVIN VSU P  
**Material number:** 103429  
**CAS number:** 23949-66-8  
**Primary product use:** UV absorber  
**Chemical family:** oxanilide derivative

## 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**

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
N-(2-Ethoxyphenyl)-N'-(2-ethylphenyl)oxamide	23949-66-8	<= 100

## SECTION 4. FIRST AID MEASURES

General advice : Get medical advice/ attention if you feel unwell.

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- 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.

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**SECTION 5. FIREFIGHTING MEASURES**

- Suitable extinguishing media : all
- Unsuitable extinguishing media : No restrictions
- Specific hazards during firefighting : Carbon oxides  
Nitrogen oxides (NOx)  
Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.  
Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.
- 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  
impervious clothing  
Protective helmets

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**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 : Take up with suitable equipment and if necessary collect in closed containers

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Take precautionary measures against static discharges.  
  
Avoid dust formation.  
  
Keep away sources of ignition.
- 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.

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- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Observe the usual precautions for handling chemicals.
- Hygiene measures : This substance is classified as non-hazardous. However the usual precautions for handling chemicals must be observed to avoid contact with the skin, eyes and respiratory tract. In case of contact with the product, wash the eye immediately with running water and the skin with water and soap.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : powder
- Particle size : < 40 µm  
Method : Laser diffraction with dispersion in dry air.
- Colour : white
- Odour : not specified
- Odour Threshold : not tested.
- pH : (20 °C)not tested.
- Melting point : 123 - 127 °C
- Boiling point : (1,013 hPa)  
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.
- Combustion number : BZ1 Does not catch fire  
Method : VDI 2263, ESCIS, Vol. 1
- Vapour pressure : 0.00035 mPa (20 °C)  
Method: OECD Test Guideline 104  
GLP: yes
- 0.00088 mPa (25 °C)  
Method: OECD Test Guideline 104  
GLP: yes

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	0.058 mPa (50 °C) Method: OECD Test Guideline 104 GLP: yes
Relative vapour density	: not tested.
Density	: 1.26 g/cm <sup>3</sup> (23 °C) Method: ISO 1183
Solubility(ies)	
Water solubility	: 0.3 mg/l (20 °C) Method: OECD Test Guideline 105 GLP: no
Solubility in other solvents	: 60 g/l (20 °C) Solvent: Toluene
	not tested. Solvent: fat
Partition coefficient: n-octanol/water	: log Pow: 4.9 Method: OECD Test Guideline 117 GLP: yes
Auto-ignition temperature	: not tested.
Decomposition temperature	: > 390 °C Heating rate : 3 K/min Method: DSC closed cup
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Explosive properties	: Not explosive Not explosive Method: Other
Oxidizing properties	: The substance or mixture is not classified as oxidizing. Method: Expert judgement GLP: no The product does not contain organic peroxide-groups which result from either the manufacturing process or from added ingredients.
Surface tension	: not required

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**SECTION 10. STABILITY AND REACTIVITY**

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable
Possibility of hazardous reactions	: Stable 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
Conditions to avoid	: None known.
Incompatible materials	: no data available
Hazardous decomposition products	: When handled and stored appropriately, no dangerous decomposition products are known 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  
Inhalation

**Acute toxicity****Product:**

Acute oral toxicity	: LD50 (Rat, male): > 3,200 mg/kg
Acute inhalation toxicity	: (Rat): Exposure time: 1 h Remarks: No adverse effect has been observed in acute toxicity tests.
Acute dermal toxicity	: LD50 (Rat): > 2,000 mg/kg

**Skin corrosion/irritation****Product:**

Species: Rabbit  
Exposure time: 72 h  
Assessment: non-irritant  
Method: 16CFR1500.41  
Result: No skin irritation  
GLP: no

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

Species: Rabbit  
Result: No eye irritation  
Exposure time: 5 d  
Assessment: non-irritant

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

Species: Guinea pig  
Assessment: non-sensitizing  
Result: non-sensitizing

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

Genotoxicity in vitro : Test Type: Ames test  
Metabolic activation: with and without  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

: Test Type: Gene Mutation Assay in Vitro  
Metabolic activation: with and without  
Method: OECD Test Guideline 476  
Result: negative  
GLP: yes

: Test Type: Chromosome aberration test in vitro  
Species: Human lymphocytes  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative  
GLP: yes

Germ cell mutagenicity - Assessment : In vitro tests did not show mutagenic effects

**Carcinogenicity****Product:**

Carcinogenicity - Assessment : No information available.

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

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**Reproductive toxicity****Product:**

Reproductive toxicity - Assessment : No information available.

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

Species: Rat, male and female  
NOAEL: 10,000 mg/kg  
Application Route: oral (feed)  
Exposure time: 13 w  
Dose: 10000 ppm  
Method: Chronic oral toxicity  
Remarks: No pathological findings

**Experience with human exposure****Product:**

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

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

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): > 100 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 643 mg/l  
Exposure time: 48 h  
Method: OECD Test Guideline 202

Toxicity to algae :  
Remarks: not tested.

Toxicity to bacteria : NOEC (activated sludge, domestic): 1,000 mg/l  
End point: Bacteria toxicity (respiration inhibition)  
Exposure time: 3 h  
Method: OECD Test Guideline 209

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

Biodegradability : Result: Not readily biodegradable.  
Biodegradation: 36 %

Stability in water : Degradation half life (pH7): 4,639 h (20 °C) pH: 7  
Method: OECD Test Guideline 111



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GLP: yes

Degradation half life (pH7): 1,993 h (30 °C) pH: 7  
Method: OECD Test Guideline 111  
GLP: yes

Degradation half life (pH7): 565 h (50 °C) pH: 7  
Method: OECD Test Guideline 111  
GLP: yes

Degradation half life (pH9): 1,019 h (20 °C) pH: 9  
Method: OECD Test Guideline 111  
GLP: yes

Degradation half life (pH9): 1,171 h (30 °C) pH: 9  
Method: OECD Test Guideline 111  
GLP: yes

Degradation half life (pH9): 245 h (50 °C) pH: 9  
Method: OECD Test Guideline 111  
GLP: yes

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

Bioaccumulation : Remarks: not available

**Mobility in soil****Product:**

Distribution among environmental compartments : adsorption  
Medium: water - soil  
log Koc: 3.03 - 3.79  
Method: OECD Test Guideline 121

**Other adverse effects****Product:**

Environmental fate and pathways : Remarks: no data available

Results of PBT and vPvB assessment : Remarks: No information is available as no chemical safety report (CSR) is required.

Additional ecological information : no data available

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

- RCRA - Resource Conservation and Recovery Act  
Waste from residues : No -- Not as sold.  
: Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.
- Contaminated packaging : Dispose of in accordance with local regulations.

**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**

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

# SAFETY DATA SHEET



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## SECTION 16. OTHER INFORMATION

### Further information

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

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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 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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