

HOSTAVIN VSU P

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Substance key: KS14593

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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 Safety 1-704-331-7710
Emergency tel. number:	+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.

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 ³ (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).

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)

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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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