

HOSTAVIN PR-25 GR

Page 1

Substance key: 000000049489

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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 PR-25 GR
Material number:	167571
CAS number:	7443-25-6
Primary product use:	UV absorber
Chemical family:	Benzylidenemalonic acid ester.= Dimethyl (p-methoxybenzylidene) malonate

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation : Category 2A

GHS Label element

Hazard pictograms :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

HOSTAVIN PR-25 GR

Page 2

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous components**

Chemical Name	CAS-No.	Concentration (%)
Dimethyl (p-methoxybenzylidene)malonate	7443-25-6	100

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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.
- 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

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.

HOSTAVIN PR-25 GR

Page 3

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

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 : 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 : See: Exposure controls and personal protection. Avoid dust formation. Small spills may be flushed to the sewer or swept up. Larger spills should be collected by shovelling into appropriate waste collection containers. Clean-up by flushing with water if desired or removal of contaminated soil. Utilize recommended clothing and equipment.

Environmental precautions : Do not allow to enter drains or waterways

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 : Potential dust explosion hazard.

Avoid dust formation.

Keep away sources of ignition.

Take precautionary measures against static discharges.

Observe the usual precautionary measures required for chemicals with dust explosive properties (Observe national regulations).

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

HOSTAVIN PR-25 GR

Page 4

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

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 : Do not breathe dust.
Avoid contact with skin and eyes.
Ensure adequate ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Granules

Colour : white

Odour : not specified

pH : Not applicable

Melting point : 55 - 59 °C
Method: DSC

Boiling point : 352 °C
(1,013 hPa)
Method: EEC 84/449, A.2
GLP: no

Flash point : Not applicable

Evaporation rate : not tested.

Flammability (solid, gas) : does not ignite
Method: Flammability (solids)
GLP: yes

Upper explosion limit : not tested.

Lower explosion limit : not tested.

SAFETY DATA SHEET

HOSTAVIN PR-25 GR

Page 5

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Vapour pressure	: 0.0000024 hPa (20 °C) Method: OECD Test Guideline 104 GLP: yes
	0.0000052 hPa (25 °C) Method: OECD Test Guideline 104 GLP: yes
	0.00018 hPa (50 °C) Method: OECD Test Guideline 104 GLP: yes
Relative vapour density	: not tested.
Density	: 1.34 g/cm ³ (20 °C) Method: OECD Test Guideline 109 GLP: yes
Solubility(ies) Water solubility	: 91 mg/l (20 °C) Method: OECD Test Guideline 105 GLP: no
Solubility in other solvents	: not tested. Solvent: fat
Partition coefficient: n- octanol/water	: log Pow: 2.4 (approx. 23 °C) Method: OECD Test Guideline 107 GLP: no
Auto-ignition temperature	: not tested.
Decomposition temperature	: > 75 °C Method: OECD Test Guideline 113 The data relate to the SADT (Self Accelerating Decomposition Temperature)
Viscosity Viscosity, dynamic	: not tested.
Viscosity, kinematic	: Not applicable
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

HOSTAVIN PR-25 GR

Page 6

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Surface tension : ingredients.
: not required

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.
Stable

Conditions to avoid : None known.

Incompatible materials : not known

Hazardous decomposition products : When handled and stored appropriately, no dangerous decomposition products are known

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
Method: OECD Test Guideline 423
GLP: yes

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation**Product:**

Species: Rabbit
Assessment: non-irritant
Method: OECD Test Guideline 404
Result: No skin irritation
GLP: yes

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

Species: Rabbit

HOSTAVIN PR-25 GR

Page 7

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Result: irritating

Respiratory or skin sensitisation**Product:**

Test Type: Guinea pig maximization test

Species: Guinea pig

Assessment: non-sensitizing

Method: OECD Test Guideline 406

Result: non-sensitizing

GLP: yes

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

Germ cell mutagenicity - : Not mutagenic in Ames Test
Assessment

Carcinogenicity**Product:**

Carcinogenicity - : No information available.
Assessment

IARC Not listed

OSHA Not listed

NTP Not listed

Reproductive toxicity**Product:**

Reproductive toxicity - : No information available.
Assessment No information available.

STOT - single exposure**Product:**

Remarks: no data available

STOT - repeated exposure**Product:**

Remarks: no data available

HOSTAVIN PR-25 GR

Page 8

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Repeated dose toxicity**Product:**

Remarks: not tested.

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).

Further information**Product:**Remarks: Other dangerous properties can not be excluded.
No toxicology information is available.
Information given is based on data obtained from similar substances.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: not tested.Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 1.68 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202
GLP: yesToxicity to algae :
Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

Persistence and degradability**Product:**Biodegradability : Inoculum: activated sludge, domestic, non-adapted
Concentration: 40 mg/l
Result: Not readily biodegradable.
Biodegradation: 17 %
Exposure time: 28 d
Method: OECD Test Guideline 301F
GLP: yes

HOSTAVIN PR-25 GR

Page 9

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: not available

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 : The product should not be allowed to enter drains, water courses or the soil.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act

Authorization Act

Waste from residues

: No -- Not as sold.
: Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

Contaminated packaging : Dispose of in accordance with local regulations.

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): Dimethyl (p-methoxybenzylidene)malonate**IMDG**Proper shipping name: Environmentally hazardous substance, solid, n.o.s.
Class: 9
Packing group: III
UN no.: UN 3077

HOSTAVIN PR-25 GR

Page 10

Substance key: 000000049489

Revision Date: 04/29/2015

Version : 2 - 0 / USA

Date of printing :08/25/2015

Primary risk: 9
Hazard inducer(s): Dimethyl (p-methoxybenzylidene)malonate
Marine pollutant: Marine Pollutant
EmS: F-A S-F

Further information:

According to 49CFR not regulated for surface or air transportation in non-bulk containers under 119 gallons (liquid) or 882 pounds (solid).

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

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)

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.

None known.

SAFETY DATA SHEET



HOSTAVIN PR-25 GR

Page 11

Substance key: 000000049489

Revision Date: 04/29/2015

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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.

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