

HOSTAVIN 3068 LIQ

Page 1

Substance key: 000000039106

Revision Date: 06/24/2015

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SECTION 1. IDENTIFICATION

| | |
|--|--|
| Identification of the company: | Clariant Plastics & Coating USA Inc. 4000 Monroe Road Charlotte, NC, 28205 Telephone No.: +1 704 331 7000 |
| Information of the substance/preparation: | Product Stewardship, +1-704-331-7710 |
| Emergency tel. number: | +1 800-424-9300 CHEMTREC |

Trade name: HOSTAVIN 3068 LIQ**Material number:** 163860**Primary product use:** Class of additive: Light stabilizer**Chemical family:** Sterically hindered amine light stabilizer (HALS) dispersed in organic solvent

SECTION 2. HAZARDS IDENTIFICATION



GHS Classification

Flammable liquids : Category 3

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitisation : Category 1

GHS Label elementHazard pictograms :  

Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.**Precautionary statements** : **Prevention:**
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ ventilating/ lighting/

HOSTAVIN 3068 LIQ

Page 2

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

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

Other hazards

Avoid contact with skin and eyes.

No additional hazards are known except those derived from the labelling.

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

| Chemical Name | CAS-No. | Concentration (%) |
|--|-------------|-------------------|
| 1-Acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethyl-piperidine | 106917-31-1 | >= 60 - <= 80 |
| 2-Methoxy-1-methyl ethyl acetate | 108-65-6 | >= 20 - <= 40 |

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.

HOSTAVIN 3068 LIQ

Page 3

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

- 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 : Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam
Dry powder
Carbon dioxide (CO₂)
Water spray jet
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : In case of fires, hazardous combustion gases are formed:
Carbon monoxide (CO)
Risk of formation of toxic pyrolysis products
- Further information : Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
Cool containers/tanks with water spray.
- 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 : Keep away sources of ignition.
Wear personal protective equipment. Unprotected persons must be kept away.

HOSTAVIN 3068 LIQ

Page 4

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

Wearing appropriate personal protective equipment, contain spill, ventilate area of spill or leak, remove all sparking devices or ignition sources, collect onto inert absorbent, and place in a suitable container.

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Environmental precautions : Do not allow to enter drains or waterways

Hold back waste water.

Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.

Methods and materials for containment and cleaning up : Pump up larger quantities.

Soak up with inert absorbent material.

Containers in which spilt substance has been collected must be adequately labelled

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Keep away sources of ignition.

Observe the usual precautionary measures required for the safe handling of organic liquids.

Advice on safe handling : Avoid breathing vapours.
Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling.
Do not freeze.

Technical measures/Precautions : Store in a cool, dry, well-ventilated area. Keep container sealed when not in use.

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

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|----------------------------------|----------|-------------------------------|--|---------|
| 2-Methoxy-1-methyl ethyl acetate | 108-65-6 | TWA | 50 ppm | US WEEL |

Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

Personal protective equipment

- Respiratory protection : If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134. For high concentrations as well as fire fighting and other emergencies, use positive pressure, self-contained breathing apparatus. Use respiratory protection in specific critical circumstances (in case of emergency):
- Hand protection
Remarks : Butyl Rubber, PVC Or Neoprene.
- 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 gas/fumes/vapour/spray.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : viscous liquid
- Particle size : Not applicable
- Colour : light yellow
- Odour : not specified
- pH : not tested.
- Melting point : not determined
- Boiling point : not determined
- Flash point : 54 °C
Method: EN 22719 (closed cup), closed cup
GLP: no
- Evaporation rate : not tested.
- Upper explosion limit : not tested.
- Lower explosion limit : not tested.
- Combustion number : Not applicable
- Vapour pressure :
not tested.

HOSTAVIN 3068 LIQ

Page 6

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

| | |
|--|---|
| Relative vapour density | : not tested. |
| Density | : 0.99 g/cm ³ (20 °C, 1,013 hPa) |
| Solubility(ies) | |
| Water solubility | : not tested. |
| Solubility in other solvents | : not tested. Solvent: fat |
| Partition coefficient: n-octanol/water | : not tested. |
| Auto-ignition temperature | : not tested. |
| Decomposition temperature | : not tested. |
| Viscosity | |
| Viscosity, dynamic | : not tested. |
| Oxidizing properties | : not tested. |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : See section 10.3. "Possibility of hazardous reactions" |
| Chemical stability | : Stable |
| Possibility of hazardous reactions | : Reactions with strong oxidising agents. Possibility of peroxide formation. Stable |
| Conditions to avoid | : None known. Strong oxidizing agents |
| Incompatible materials | : not known |
| Hazardous decomposition products | : No hazardous decomposition products if stored and handled as prescribed |

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

Eye contact
Skin contact
Inhalation
Skin Absorption

HOSTAVIN 3068 LIQ

Page 7

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

Acute toxicity**Product:**Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: 1999/45/EC

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation**Product:**Species: Rabbit
Method: 1999/45/EC
Result: irritating**Serious eye damage/eye irritation****Product:**Species: Rabbit
Result: irritating
Method: 1999/45/EC**Respiratory or skin sensitisation****Product:**Species: Guinea pig
Method: 1999/45/EC
Result: Causes sensitisation.**Carcinogenicity****Product:**Carcinogenicity - : No information available.
Assessment

IARC Not listed

OSHA Not listed

NTP Not listed

Repeated dose toxicity**Product:**

Remarks: This information is not available.

Further information**Product:**

Remarks: Can be absorbed through skin.

HOSTAVIN 3068 LIQ

Page 8

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

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

- Toxicity to fish : LC0 (Leuciscus idus (Golden orfe)): > 0.5 mg/l
Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): = 2.7 mg/l
Exposure time: 48 h
- Toxicity to algae : IC50 (Scenedesmus subspicatus 86.81 sag. green algae): = 1.2 mg/l
Exposure time: 72 h
Method: EEC L133,P.89,1988. Growth inhibition test
- Toxicity to bacteria : EC50 (activated sludge): >= 1,000 mg/l, NOMINAL
End point: Bacteria toxicity (respiration inhibition)
Exposure time: 3 h
Method: OECD Test Guideline 209
Remarks: The product has low solubility in the test medium.
An aqueous dispersion was tested.

Persistence and degradability**Product:**

- Biodegradability : Concentration: 20 mg/l
Carbon dioxide (CO₂)
Biodegradation: 21 % (Carbon dioxide (CO₂))
Exposure time: 28 d
Method: OECD 301B * 1981 Mmod. Sturm (ready)

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 : Value of the active ingredient.

HOSTAVIN 3068 LIQ

Page 9

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

- RCRA - Resource Conservation and Recovery Act
Waste Code : Yes -- If it becomes a waste as sold.
: D001
- Waste from residues : 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 Regulation:**

- Proper shipping name: Flammable liquids, n.o.s.
Hazard class: 3
Packing group: III
UN/NA-number: UN 1993
Primary hazard class: 3
Technical Name: Methoxypropyl acetate
STERICALLY HINDERED AMINE
Emergency Response Guide: 128

IATA

- Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN/ID number: UN 1993
Primary risk: 3
Remarks: Shipment permitted
Hazard inducer(s): Methoxypropyl acetate
STERICALLY HINDERED AMINE

IMDG

- Proper shipping name: Flammable liquid, n.o.s.
Class: 3
Packing group: III
UN no.: UN 1993
Primary risk: 3
Hazard inducer(s): Methoxypropyl acetate
STERICALLY HINDERED AMINE
Marine pollutant: Marine Pollutant
EmS: F-E S-E

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

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
Fire 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**

Observe all necessary precautions for handling flammable substances. Keep away from sources of heat and ignition. Smoking should be prohibited where material is being handled. Electrical grounding of equipment is required.

Revision Date : 06/24/2015

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

SAFETY DATA SHEET



HOSTAVIN 3068 LIQ

Page 11

Substance key: 000000039106

Revision Date: 06/24/2015

Version : 2 - 1 / USA

Date of printing :06/15/2018

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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