

## HOSTAVIN 3053 LIQ

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## SECTION 1. IDENTIFICATION

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



**Trade name:** HOSTAVIN 3053 LIQ**Material number:** 103423**Primary product use:** Class of additive: Light stabilizer**Chemical family:** Sterically hindered amine light stabilizer (HALS) dissolved in xylene

## SECTION 2. HAZARDS IDENTIFICATION

**GHS Classification**

Flammable liquids : Category 3

Skin irritation : Category 2

**GHS Label element**Hazard pictograms :  

Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.  
H315 Causes skin 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/ equipment.  
 P242 Use only non-sparking tools.  
 P243 Take precautionary measures against static discharge.  
 P264 Wash skin thoroughly after handling.  
 P280 Wear protective gloves/ eye protection/ face protection.

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

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shower.

P332 + P313 If skin irritation occurs: 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 for extinction.

**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**

Does not require a hazard warning label, but the normal safety precautions for handling chemicals must be observed.

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

| Chemical Name             | CAS-No.      | Concentration (%) |
|---------------------------|--------------|-------------------|
| o-Xylene                  | 95-47-6      | 18 - 22           |
| Hindered Amine Derivative | Not Assigned | 78 - 82           |

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 : Do NOT induce vomiting.  
Get immediate medical advice/ attention.
- 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 : Product is compatible with standard fire-fighting agents.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Carbon monoxide  
Nitrogen oxides (NOx)  
Carbon dioxide (CO2)
- The product vapours are heavier than air.  
Vapours may spread long distances and ignite.  
Keep away from open flames, hot surfaces and sources of ignition.
- Further information : Wear self-contained breathing apparatus. Solvent floats on water, the use of foam is advisable. Cool containers with fog spray. Primary flammable hazard is xylene. Keep away from sources of ignition.
- Special protective equipment for firefighters : impervious clothing  
Protective helmets

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions, protective equipment and emergency procedures : See: Exposure controls and personal protection.  
Keep away sources of ignition.  
Contain spill. Prevent sources of ignition. Wear appropriate respiratory protection and proper protective equipment.  
Ventilate if in enclosed area. Recover as liquid using hand or explosion proof pump or use suitable absorbant to collect.  
Clean up by flushing with water if appropriate or removal of contaminated soils.
- Environmental precautions : Do not let product enter drains.
- Methods and materials for containment and cleaning up : Pick up with sand or oil absorbing material.

**SECTION 7. HANDLING AND STORAGE**

- Advice on protection against fire and explosion : Keep away sources of ignition. Do not smoke. Observe the usual precautionary measures required for the safe handling of organic liquids.
- Advice on safe handling : Avoid breathing vapours.

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Avoid contact with skin, eyes and clothing.  
Wash thoroughly after handling.  
Keep away from heat.  
Keep away from flames and sparks.

Technical measures/Precautions : Store in a cool, dry location away from heat, sparks and open flames.  
Store in original container.  
Keep container tightly closed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

## Components with workplace control parameters

| Components | CAS-No.   | Value type<br>(Form of exposure) | Control parameters /<br>Permissible concentration | Basis     |
|------------|---|----------------------------------|---|-----------|
| o-Xylene   | 95-47-6   | TWA                              | 100 ppm   | ACGIH     |
|            | Further information: Eye & Upper Respiratory Tract irritation, Central Nervous System impairment, Substances for which there is a Biological Exposure Index or Indices (see BEI® section), Not classifiable as a human carcinogen |                                  |   |           |
|            |   | STEL                             | 150 ppm   | ACGIH     |
|            | Further information: Eye & Upper Respiratory Tract irritation, Central Nervous System impairment, Substances for which there is a Biological Exposure Index or Indices (see BEI® section), Not classifiable as a human carcinogen |                                  |   |           |
|            |   | TWA                              | 100 ppm<br>435 mg/m <sup>3</sup>                  | NIOSH REL |
|            |   | ST                               | 150 ppm<br>655 mg/m <sup>3</sup>                  | NIOSH REL |
|            |   | STEL                             | 150 ppm<br>655 mg/m <sup>3</sup>                  | OSHA P0   |
|            |   | TWA                              | 100 ppm<br>435 mg/m <sup>3</sup>                  | OSHA P0   |

**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 : Butyl Rubber, PVC Or Neoprene.

Eye protection : Safety glasses or chemical splash goggles.

Skin and body protection : Wear suitable protective equipment.

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- Protective measures : Do not breathe vapours, aerosols.  
Do not breathe gas.
- Hygiene measures : Do not eat, drink or smoke when using this product.  
Take off immediately all contaminated clothing and wash it  
before reuse.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : Liquid
- Particle size : Not applicable
- Colour : clear
- Odour : like aromatic solvents
- Odour Threshold : not tested.
- pH : approx. 8.5  
Concentration: 100 g/l (20 °C)aqueous emulsion
- Melting point : not determined
- Boiling point : > 135 °C  
(1,013 hPa)
- Flash point : 40 °C  
Method: ABEL-PENSKY (closed cup)
- Evaporation rate : not tested.
- Flammability (solid, gas) : Not applicable
- Upper explosion limit : not tested.
- Lower explosion limit : not tested.
- Combustion number : Not applicable
- Vapour pressure :  
not tested.
- Relative vapour density : not tested.
- Density : not tested.
- Solubility(ies)
- Water solubility : insoluble
- Solubility in other solvents : not tested.  
Solvent: fat

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|  |   |
|--|---|
| Partition coefficient: n-octanol/water | : not tested.   |
| Auto-ignition temperature              | : not tested.   |
| Decomposition temperature              | : not tested.   |
| Viscosity                              |   |
| Viscosity, dynamic                     | : not tested.   |
| Viscosity, kinematic                   | : not determined  |
| Explosive properties                   | : Not explosive<br>Method: Expert judgement<br>GLP: no  |
| Oxidizing properties                   | : The substance or mixture is not classified as oxidizing.<br>Method: Expert judgement<br>GLP: no<br>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 melts below 160 °C. Therefore, no further testing of self-heating properties is required.<br>The substance or mixture does not emit flammable gases in contact with water.<br>Reactions with acids, alkalies and oxidizing agents.<br>Stable                                    |
| Conditions to avoid                | : None known.   |
| Incompatible materials             | : not known   |
| Hazardous decomposition products   | : When handled and stored appropriately, no dangerous decomposition products are known<br>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**

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Eye contact  
Skin contact  
Ingestion  
Inhalation

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

Acute oral toxicity : Remarks: no data available

Acute inhalation toxicity : Acute toxicity estimate: > 40 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

**Components:****o-Xylene:**

Acute inhalation toxicity : LCLo (Rat): 6125 ppm  
Exposure time: 12 h

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

Remarks: no data available

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

Remarks: no data available

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

Species: Guinea pig  
Method: 1999/45/EC  
Result: non-sensitizing

**Carcinogenicity****Product:**

Remarks: not tested.

**IARC** Not listed

**OSHA** Not listed

**NTP** Not listed

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

Remarks: not tested.

**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 :  
Remarks: no data availableToxicity to daphnia and other :  
aquatic invertebrates Remarks: not tested.Toxicity to algae :  
Remarks: not tested.

Toxicity to bacteria : Remarks: not tested.

Ecotoxicology Assessment  
Acute aquatic toxicity : no data available**Persistence and degradability****Product:**

Biodegradability : Remarks: This property is substance-specific and therefore cannot be given for the preparation.

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

Bioaccumulation : Remarks: not tested.

**Mobility in soil**

no data available

**Other adverse effects****Product:**Environmental fate and : Remarks: no data available  
pathwaysResults of PBT and vPvB : Remarks: no data available  
assessment



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Additional ecological information : The ecological data given are those of the active ingredient.

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

RCRA - Resource Conservation and Recovery Act  
Authorization Act : Yes -- If it becomes a waste as sold.  
Waste Code : D001, U239

Waste from residues : This product may yield waste subject to the RCRA land disposal restrictions found at 40 CFR 268. These wastes must be treated according to the treatment standards at 40 CFR 268 subpart D before land disposal.

Contaminated packaging : Dispose of in accordance with local regulations.

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**SECTION 14. TRANSPORT INFORMATION****DOT Regulation:**

Proper shipping name: Combustible liquid, n.o.s.  
Hazard class: C  
Packing group: III  
UN/NA-number: NA 1993  
Technical Name: Xylene  
STERICALLY HINDERED AMINE  
Emergency Response Guide: 128  
Reportable Quantity: 2,063.000 kg Xylene

**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): Xylene  
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): Xylene  
STERICALLY HINDERED AMINE

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EmS: 3-07  
 Marine pollutant: Marine Pollutant  
 EmS: F-E S-E

**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**

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|------------|---------|--------------------|-----------------------------|
| o-Xylene   | 95-47-6 | 1000               | 5000                        |

**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  
 Chronic 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 contains the chemical or chemicals listed below which are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 ("SARA") and the requirements of 40 CFR Part 372:

o-Xylene 95-47-6 22 %

**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**

# SAFETY DATA SHEET



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None known.

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