

# SAFETY DATA SHEET



## HOSTANOX P-EPQ PILLS

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Substance key: KS14318

Revision Date: 11/22/2023

Version : 4 - 2 / USA

Date of printing :04/30/2025

### SECTION 1. IDENTIFICATION

**Identification of the company:**

Clariant Plastics & Coatings  
(Deutschland) GmbH  
Frankfurt am Main, 65926  
Telephone No.: +49 69 305 18000

**Information of the substance/preparation:**

Product Stewardship, +1-704-331-7710  
e-mail: SDS.NORAM@clariant.com

**Emergency tel. number:** +1 800-424-9300 CHEMTREC

**Trade name:** HOSTANOX P-EPQ PILLS

**Material number:** 129897

**CAS number:** 119345-01-6

**Primary product use:** Antioxidant

**Chemical family:** Aryl phosphonite processing stabilizer

### SECTION 2. HAZARDS IDENTIFICATION

**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Combustible dust

**GHS label elements**

Signal word : Warning

Hazard statements : May form combustible dust concentrations in air.

Precautionary statements : **Prevention:**  
P243 Take precautionary measures against static discharge.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.

**Other hazards**

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

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Substance

Substance name : Aryl phosphonite processing stabilizer

CAS-No. : 119345-01-6

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### Components

Chemical name	CAS-No.	Concentration (% w/w)
2,4-Di-tert-butylphenol	96-76-4	$\geq 1 - < 5$

Actual concentration is withheld as a trade secret

## 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.  
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 : Foam  
Water spray jet  
Dry powder
- Unsuitable extinguishing media : High volume water jet  
Carbon dioxide (CO<sub>2</sub>)
- Specific hazards during firefighting : Carbon oxides  
  
Oxides of phosphorus  
  
None known.
- Further information : Cool containers/tanks with water spray.  
Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
- Special protective equipment : Wear personal protective equipment.

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for firefighters

In the event of fire, wear self-contained breathing apparatus.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation. 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 : The product should not be allowed to enter drains, water courses or the soil.
- Methods and materials for containment and cleaning up : Take up mechanically. Avoid dust formation. Take measures to prevent the build up of electrostatic charge. Risk of dust explosion. Treat recovered material as described in the section "Disposal considerations".

### 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.
- Further information on storage conditions : 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

Contains no substances with occupational exposure limit values.

- 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 : Nitrile rubber gloves.
- Remarks :

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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	: 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
Colour	: yellow
Odour	: not specified
Odour Threshold	: cannot be determined
pH	: approx. 8 (68 °F / 20 °C) Concentration: < 1 mg/l Method: OECD Test Guideline 105 GLP: yes saturated aqueous solution
Melting range	: 185 - 217 °F / 85 - 103 °C Method: OECD Test Guideline 102 GLP: yes
Drop point	212 - 230 °F / 100 - 110 °C GLP: yes
Boiling point	: > 536 °F / > 280 °C (1,013 hPa) Decomposition: yes Method: OECD Test Guideline 103 GLP: yes Decomposes below the boiling point.
Flash point	: Not applicable
Evaporation rate	: Non-Volatile
Flammability (solid, gas)	: The product is not flammable. GLP: yes

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Self-ignition	: Method: Expert judgement The substance or mixture is not classified as pyrophoric.  > 752 °F / > 400 °C GLP: yes The substance or mixture is not classified as self heating.
Burning number	: 2 (68 - 212 °F / 20 - 100 °C) Method: Combustibility test safety laboratory GLP: no Short flaring up without spreading
Upper explosion limit / upper flammability limit	: not tested.
Lower explosion limit / Lower flammability limit	: not tested.
Vapour pressure	: < 0.000001 Pa (approx. 77 °F / 25 °C) Method: OECD Test Guideline 104 GLP: no
Relative vapour density	: Not applicable
Relative density	: 1.04 (68 °F / 20 °C, 1,013 hPa) Method: OECD Test Guideline 109 GLP: yes
Density	: 1.04 g/cm <sup>3</sup> (68 °F / 20 °C) Method: OECD Test Guideline 109 GLP: yes
Bulk density	: 530 kg/m <sup>3</sup> (68 °F / 20 °C)
Solubility(ies) Water solubility	: < 1 mg/l ( 68 °F / 20 °C, approx. 1,013 hPa) pH: 8 Method: OECD Test Guideline 105 GLP: yes
Solubility in other solvents	: not tested. Solvent: fat
Partition coefficient: n-octanol/water	: log Pow: > 6 (77 °F / 25 °C) Method: OECD Test Guideline 117 GLP: yes
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 932 °F / > 500 °C Heating rate: 3 K/min Method: OECD Test Guideline 113
Viscosity	

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Viscosity, dynamic	: 3,270 mPa.s (266 °F / 130 °C) 386 mPa.s (302 °F / 150 °C)
Viscosity, kinematic	: not tested.
Explosive properties	: Not explosive Not explosive GLP: no
Oxidizing properties	: The substance or mixture is not classified as oxidizing.  Reference substance: Potassium bromate/Cellulose GLP: yes
Self-heating substances	: Not applicable
Impact sensitivity	: Not impact sensitive.
Sublimation point	: Not applicable
Dust deflagration index (Kst)	: 248 m.b./s Method: VDI 2263 GLP: no data available
Dust explosion class	: St2
Minimum ignition energy	: 13 - 30 mJ Method: Mike 3 apparatus with inductive electrical resistance

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No decomposition if used as directed.
Chemical stability	: Stable
Possibility of hazardous reactions	: Reactions with strong alkalies and oxidising agents. The substance or mixture does not emit flammable gases in contact with water. Not corrosive to metals Risk of dust explosion.
Conditions to avoid	: Strong oxidizing agents Strong bases  Keep away from heat and sources of ignition.
Incompatible materials	: See under section "Conditions to avoid"

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Hazardous decomposition : Carbon oxides  
products  
Oxides of phosphorus

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

Eye contact  
Skin contact  
Inhalation

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

Acute oral toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 423  
GLP: yes  
Assessment: The substance or mixture has no acute oral toxicity

Acute inhalation toxicity : Remarks: no data available

Acute dermal toxicity : LD50 (Rat, male and female): > 2,000 mg/kg  
Method: OECD Test Guideline 402  
GLP: yes  
Assessment: The substance or mixture has no acute dermal toxicity

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

Species : Rabbit  
Exposure time : 4 h  
Method : OECD Test Guideline 404  
Result : No skin irritation  
GLP : yes

**Components:****2,4-Di-tert-butylphenol:**

Result : Irritating to skin.

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

Species : Rabbit  
Result : No eye irritation  
Exposure time : 72 h  
Method : OECD Test Guideline 405  
GLP : yes

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**Components:****2,4-Di-tert-butylphenol:**

Result : Risk of serious damage to eyes.

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

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Not a skin sensitizer.  
GLP : yes

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

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro  
Test system: Chinese hamster lung cells  
Concentration: 3,1 - 100 µg/ml  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 473  
Result: negative  
GLP: yes

Test Type: Ames test  
Test system: Salmonella typhimurium  
Concentration: 33 - 5000 µg/plate  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: negative  
GLP: yes

Genotoxicity in vivo : Test Type: Micronucleus test  
Species: Mouse (male and female)  
Cell type: Erythrocytes  
Application Route: oral (gavage)  
Exposure time: 24 h  
Dose: 2500 - 5000 - 10000 mg/kg  
Method: Other  
Result: negative  
GLP: no

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

**Carcinogenicity****Product:**

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

**IARC** No component of this product present at levels greater than or equal to 0.1% is



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identified as probable, possible or confirmed human carcinogen by IARC.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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

Effects on fertility : Test Type: One generation study  
Species: Rat, male and female  
Application Route: oral (feed)  
Dose: 50 - 150 - 300 mg/kg  
General Toxicity - Parent: NOAEL: 150 mg/kg body weight  
General Toxicity F1: NOAEL: 150 mg/kg body weight  
Method: Other  
GLP: no

Effects on foetal development : Species: Rat, male and female  
Strain: wistar  
Application Route: Oral  
Dose: 100 mg/kg Futter  
Duration of Single Treatment: 730 d  
Method: Other  
GLP: no  
Remarks: Based on available data, the classification criteria are not met.

Reproductive toxicity - Assessment : Weight of evidence does not support classification for reproductive toxicity

**STOT - single exposure****Product:**

Remarks : not available

**STOT - repeated exposure****Product:**

Remarks : not available

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

Species : Dog, male and female  
NOAEL : 150 mg/kg  
Application Route : oral (gavage)  
Exposure time : 93 - 97 d  
Number of exposures : daily  
Dose : 30 - 150 - 500 mg/kg  
Control Group : yes

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Method : OECD Test Guideline 409  
GLP : yes

**Aspiration toxicity****Product:**

No aspiration toxicity classification

**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 (Oncorhynchus mykiss (rainbow trout)): > 18.65 mg/l  
Exposure time: 96 h  
Test Type: static test  
Method: OECD Test Guideline 203  
GLP: yes  
Remarks: No toxicity at the limit of solubility

NOEC (Oncorhynchus mykiss (rainbow trout)): >= 1.2 mg/l  
Exposure time: 21 d  
Test Type: flow-through test  
Method: OECD Test Guideline 204  
GLP: yes  
Remarks: No toxicity at the limit of solubility

LOEC (Oncorhynchus mykiss (rainbow trout)): > 1.2 mg/l  
Exposure time: 21 d  
Test Type: flow-through test  
Method: OECD Test Guideline 204  
GLP: yes  
Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 12.7 mg/l  
End point: Immobilization  
Exposure time: 48 h  
Test Type: static test  
Method: OECD Test Guideline 202  
GLP: yes  
Remarks: No toxicity at the limit of solubility

Toxicity to algae/aquatic plants : NOEC (Pseudokirchneriella subcapitata (green algae)): >= 78.6 mg/l  
End point: Growth rate  
Exposure time: 72 h

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Method: OECD Test Guideline 201

GLP: yes

Remarks: No toxicity at the limit of solubility

ErC50 (Pseudokirchneriella subcapitata (green algae)): > 78.6 mg/l

End point: Growth rate

Exposure time: 72 h

Method: OECD Test Guideline 201

GLP: yes

Remarks: No toxicity at the limit of solubility

Toxicity to fish (Chronic toxicity)

: NOEC (Oncorhynchus mykiss (rainbow trout)): >= 1.2 mg/l

End point: mortality

Exposure time: 21 d

Test Type: flow-through test

Analytical monitoring: no data available

Method: OECD Test Guideline 204

GLP: yes

Remarks: No toxicity at the limit of solubility

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)

: NOEC (Daphnia magna (Water flea)): > 0.307 mg/l

End point: mortality

Exposure time: 21 d

Test Type: semi-static test

Method: OECD Test Guideline 211

GLP: yes

Remarks: No toxicity at the limit of solubility

NOEC (Daphnia magna (Water flea)): >= 0.307 mg/l

End point: Reproduction rate

Exposure time: 21 d

Test Type: semi-static test

Method: OECD Test Guideline 211

GLP: yes

Remarks: No toxicity at the limit of solubility

Toxicity to microorganisms

: IC50 (activated sludge): > 1,000 mg/l

End point: Bacteria toxicity (respiration inhibition)

Exposure time: 3 h

Test Type: static test

Method: OECD Test Guideline 209

GLP: yes

Remarks: No toxicity at the limit of solubility

Toxicity to soil dwelling organisms

: Test Type: artificial soil

NOEC (Eisenia fetida (earthworms)): > 1,000 mg/kg

Exposure time: 14 d

End point: Body weight

Method: OECD Test Guideline 207

GLP: yes

Plant toxicity

: EC50: > 100 mg/kg

Exposure time: 21 d

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End point: Growth  
Test period: 21 d  
Species: Avena sativa (oats)  
Method: OECD Guide-line 208  
GLP: yes

NOEC:  $\geq 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Avena sativa (oats)  
Method: OECD Guide-line 208  
GLP: yes

LOEC:  $> 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Avena sativa (oats)  
Method: OECD Guide-line 208  
GLP: yes

EC50:  $> 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Brassica rapa  
Method: OECD Guide-line 208  
GLP: yes

NOEC:  $\geq 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Brassica rapa  
Method: OECD Guide-line 208  
GLP: yes

LOEC:  $> 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Brassica rapa  
Method: OECD Guide-line 208  
GLP: yes

EC50:  $> 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: Lepidium sativum (cress)  
Method: OECD Guide-line 208  
GLP: yes

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NOEC:  $\geq 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: *Lepidium sativum* (cress)  
Method: OECD Guide-line 208  
GLP: yes

LOEC:  $> 100$  mg/kg  
Exposure time: 21 d  
End point: Growth  
Test period: 21 d  
Species: *Lepidium sativum* (cress)  
Method: OECD Guide-line 208  
GLP: yes

### Components:

#### **2,4-Di-tert-butylphenol:**

#### **Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

#### **Persistence and degradability**

##### Product:

Biodegradability : Test Type: aerobic  
Inoculum: activated sludge  
Concentration: 30 mg/l  
Result: Not readily biodegradable.  
Biodegradation: 24.5 % (Biochemical Oxygen Demand (BOD))  
Exposure time: 28 d  
Method: OECD Test Guideline 302C  
GLP: yes

Test Type: aerobic  
Inoculum: activated sludge, domestic  
Concentration: 100 mg/l  
Result: Not biodegradable  
Biodegradation: 0 % (Biochemical Oxygen Demand (BOD))  
Exposure time: 28 d  
Method: OECD Test Guideline 301F  
GLP: yes

Physico-chemical removability : Remarks: Not readily biodegradable.  
The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

Stability in water : Test Type: abiotic  
Method: OECD Test Guideline 111  
GLP: yes

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Remarks: Not applicable

### Bioaccumulative potential

#### Product:

Bioaccumulation : Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 103  
Exposure time: 42 d  
Temperature: 76.5 °F / 24.7 °C  
Concentration: 0.79 mg/l  
Elimination: no data available  
Method: Other  
GLP: yes  
Remarks: Accumulation in aquatic organisms is unlikely.

Species: Cyprinus carpio (Carp)  
Bioconcentration factor (BCF): 112  
Exposure time: 42 d  
Temperature: 76.5 °F / 24.7 °C  
Concentration: 0.05 mg/l  
Elimination: no data available  
Method: Other  
GLP: yes  
Remarks: Accumulation in aquatic organisms is unlikely.

### Mobility in soil

no data available

### Other adverse effects

#### Product:

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 : This product, if discarded as sold, is not a Federal RCRA hazardous waste.

Waste Code : NONE

Waste from residues : 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

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IATA not restricted

IMDG not restricted

**SECTION 15. REGULATORY INFORMATION****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 302 Extremely Hazardous Substances Threshold Planning Quantity**

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Combustible dust

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).

**Clean Water Act**

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

This product does not contain any priority pollutants related to the U.S. Clean Water Act

**The components of this product are reported in the following inventories:**

TSCA : On TSCA Inventory, All components are compliant with the TSCA Inventory Notification (Active) rule.

**SECTION 16. OTHER INFORMATION****Further information****Full text of other abbreviations**

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response,

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Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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

For additional information, contact Product Stewardship.

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# SAFETY DATA SHEET



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