

# SAFETY DATA SHEET



F33936 Hydroxynaphthol blue Ind ,010KFL

**000000021786**

Version 1.1

Revision Date 02/07/2017

Print Date 10/17/2019

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Hydroxynaphthol blue

Number : 000000021786

Product Use Description : Laboratory chemicals

Manufacturer or supplier's details : Honeywell International Inc.  
1953 South Harvey Street  
Muskegon, MI 49442

For more information call : 1-800-368-0050  
+1-231-726-3171  
(Monday-Friday, 9:00am-5:00pm)

In case of emergency call : **Medical: 1-800-498-5701 or +1-303-389-1414**  
: **Transportation (CHEMTREC): 1-800-424-9300 or**  
: **+1-703-527-3887**  
:  
: (24 hours/day, 7 days/week)

## SECTION 2. HAZARDS IDENTIFICATION

### Emergency Overview

Form : powder

Color : blue

Odor : no data available

### Classification of the substance or mixture

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

Precautionary statements : **Prevention:**  
Use personal protective equipment as required.

Hazards not otherwise classified : Repeated or prolonged exposure may irritate eyes, skin and respiratory system.

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## Carcinogenicity

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, IARC, or OSHA.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C20H11N2Na3O11S3

Chemical nature : Substance

| Chemical name                                                                                               | CAS-No.    | Concentration |
|-------------------------------------------------------------------------------------------------------------|------------|---------------|
| 2,7-Naphthalenedisulfonic acid,<br>3-hydroxy-4-[(2-hydroxy-4-sulfo-1-naphthalenyl)azo<br>]-, trisodium salt | 63451-35-4 | <=100.00 %    |

## SECTION 4. FIRST AID MEASURES

- General advice : First aider needs to protect himself. Move out of dangerous area. Take off all contaminated clothing immediately.
- Inhalation : If breathed in, move person into fresh air. If symptoms persist, call a physician.
- Skin contact : After contact with skin, wash immediately with plenty of water. If symptoms persist, call a physician.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. Protect unharmed eye. Remove contact lenses. Consult a physician.
- Ingestion : When swallowed, allow water to be drunk. Consult a physician.

## SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO2)  
Dry chemical

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- |                                               |   |                                                                                                                                                                                           |
|-----------------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specific hazards during firefighting          | : | In case of fire hazardous decomposition products may be produced such as:<br>Carbon monoxide<br>Carbon dioxide (CO <sub>2</sub> )<br>nitrogen oxides (NO <sub>x</sub> )<br>Sulphur oxides |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus and protective suit.                                                                                                                              |
| Further information                           | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                                                                                   |

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- |                           |   |                                                                                                                                                      |
|---------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions      | : | Evacuate personnel to safe areas.<br>Wear personal protective equipment. Unprotected persons must be kept away.<br>Ensure adequate ventilation.      |
| Environmental precautions | : | Prevent further leakage or spillage if safe to do so.<br>Do not flush into surface water or sanitary sewer system.                                   |
| Methods for cleaning up   | : | Use mechanical handling equipment.<br>Sweep up and shovel into suitable containers for disposal.<br>Dispose of in accordance with local regulations. |

## SECTION 7. HANDLING AND STORAGE

### Handling

- |                                                 |   |                                                 |
|-------------------------------------------------|---|-------------------------------------------------|
| Advice on protection against fire and explosion | : | Normal measures for preventive fire protection. |
|-------------------------------------------------|---|-------------------------------------------------|

### Storage

- |                                               |   |                                                                                                          |
|-----------------------------------------------|---|----------------------------------------------------------------------------------------------------------|
| Requirements for storage areas and containers | : | Store in original container.<br>Keep containers tightly closed in a dry, cool and well-ventilated place. |
|-----------------------------------------------|---|----------------------------------------------------------------------------------------------------------|

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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Engineering measures : Use with local exhaust ventilation.

Eye protection : Safety goggles

Skin and body protection : Protective suit

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

## Exposure Guidelines

Contains no substances with occupational exposure limit values.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : powder

Color : blue

Odor : no data available

Odor threshold : Note: no data available

pH : Note: no data available

Melting point/freezing point : Note: no data available

Boiling point/boiling range : Note: no data available

Flash point : Note: no data available

Evaporation rate : Note: no data available

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

Vapor pressure : Note: no data available

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|                                           |                                                             |
|-------------------------------------------|-------------------------------------------------------------|
| Density                                   | : Note: no data available                                   |
| Water solubility                          | : Note: no data available                                   |
| Partition coefficient:<br>n-octanol/water | : Note: no data available                                   |
| Ignition temperature                      | : Note: no data available                                   |
| Decomposition temperature                 | : Note: No decomposition if stored and applied as directed. |
| Viscosity, dynamic                        | : Note: no data available                                   |
| Oxidizing properties                      | : Note: no data available                                   |
| Molecular weight                          | : 620.47 g/mol                                              |

## SECTION 10. STABILITY AND REACTIVITY

|                                    |                                                                                                                                                                                             |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical stability                 | : Stable under recommended storage conditions.                                                                                                                                              |
| Possibility of hazardous reactions | : None known.                                                                                                                                                                               |
| Conditions to avoid                | : Heat, flames and sparks.<br>Keep away from direct sunlight.                                                                                                                               |
| Incompatible materials to avoid    | : Strong oxidizing agents                                                                                                                                                                   |
| Hazardous decomposition products   | : In case of fire hazardous decomposition products may be produced such as:<br>Carbon monoxide<br>Carbon dioxide (CO <sub>2</sub> )<br>nitrogen oxides (NO <sub>x</sub> )<br>Sulphur oxides |

## SECTION 11. TOXICOLOGICAL INFORMATION

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Acute oral toxicity : Note: no data available

Acute inhalation toxicity : Note: no data available

Acute dermal toxicity : Note: no data available

Skin irritation : Note: no data available

Eye irritation : Note: no data available

Sensitisation : Note: no data available

Repeated dose toxicity : Note: no data available

Genotoxicity in vitro : Note: no data available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity effects

Toxicity to fish : Note: no data available

Toxicity to daphnia and other aquatic invertebrates : Note: no data available

Toxicity to algae : Note: no data available

Toxicity to bacteria : Note: no data available

### Elimination information (persistence and degradability)

Biodegradability : Note: no data available

### Further information on ecology

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## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods : Observe all Federal, State, and Local Environmental regulations.

## SECTION 14. TRANSPORT INFORMATION

**DOT** Not dangerous goods

**TDG** Not dangerous goods

**IATA** Not dangerous goods

**IMDG** Not dangerous goods

## SECTION 15. REGULATORY INFORMATION

### Inventories

US. Toxic Substances Control Act : On TSCA Inventory

Australia. Industrial Chemical (Notification and Assessment) Act : On the inventory, or in compliance with the inventory

Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL) : All components of this product are on the Canadian DSL

Japan. Kashin-Hou Law List : Not in compliance with the inventory

Korea. Toxic Chemical Control Law (TCCL) List : Not in compliance with the inventory

Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act : On the inventory, or in compliance with the inventory

China. Inventory of Existing Chemical Substances : On the inventory, or in compliance with the inventory

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New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand : On the inventory, or in compliance with the inventory

## National regulatory information

**SARA 302 Components** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components** : 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.

**SARA 311/312 Hazards** : No SARA Hazards

**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## SECTION 16. OTHER INFORMATION

|                 | HMIS III | NFPA |
|-----------------|----------|------|
| Health hazard   | : 1      | 1    |
| Flammability    | : 1      | 1    |
| Physical Hazard | : 0      |      |
| Instability     | :        | 0    |

Hazard rating and rating systems (e.g. HMIS® III, NFPA): This information is intended solely for the use of individuals trained in the particular system.

## Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a

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warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

Previous Issue Date: 02/06/2017

Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group