

PHLOROGLUCINOL DIHYDRATE

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item Name: PHLOROGLUCINOL DIHYDRATE

Supplier Name: INOPHA INTERNATIONAL CO.,LIMITED

Address: No 822, Qianmo Rd, Hangzhou, China

Telephone: +86-130-33603963

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Item Name	Chemical Formula	CAS No.	% by Weight
PHLOROGLUCINOL DIHYDRATE	C6H10O5	6099-90-7	99.5%

SECTION 3: HAZARDS IDENTIFICATION

Potential Health Effects

Information on the human health effects from exposure to this substance is limited.

Inhalation:Excessive inhalation of dust may be irritating to the respiratory tract.

Ingestion:No information found, but compound should be handled as a potential health hazard.

Skin Contact:Causes irritation to skin. Symptoms include redness, itching, and pain.

Eye Contact:Causes irritation, redness, and pain.

Chronic Exposure:No information found.

Aggravation of Pre-existing Conditions:No information found.

SECTION 4: FIRST AID MEASURES

Eye Contact:Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Do not use an eye ointment. Seek medical attention.

Skin Contact:If the chemical got onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the victim under a deluge shower. If the chemical got on the victim's exposed skin, such as the hands : Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cold water may be used. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact:Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation:Not available.

Ingestion:Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion:Not available.

SECTION 5: FIRE FIGHTING MEASURES

Fire:As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

Explosion:Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Fire Extinguishing Media:Water spray, dry chemical, alcohol foam, or carbon dioxide.

Special Information:In the event of a fire, wear full protective clothing and

NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Pick up spill for recovery or disposal and place in a closed container.

SECTION 7: HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Refrigerate. Protect from light. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:

None established.

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the dust or mist is apparent, a half-face

dust/mist respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

SECTION 9: Physical and Chemical Properties

Appearance: White to yellow crystals or powder.

Odor: Odorless.

Solubility: Soluble in 100 parts water.

Specific Gravity: No information found.

pH:No information found.

Boiling Point:No information found.

Melting Point: 218 - 221C (424 - 430F)

Vapor Density (Air=1): 4.3

Vapor Pressure (mm Hg):No information found.

Evaporation Rate (BuAc=1):No information found.

SECTION 10: Stability and Reactivity

Stability:Stable under ordinary conditions of use and storage. Discolors in light.

Sublimes with decomposition.

Hazardous Decomposition Products:Burning may produce carbon monoxide,

carbon dioxide, nitrogen oxides.

Hazardous Polymerization:Will not occur.

Incompatibilities:Strong oxidizers.

Conditions to Avoid:Heat, flame, sources of ignition, light and incompatibles.

SECTION 11:TOXICOLOGICAL INFORMATION

Routes of Entry:Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals:Acute oral toxicity (LD50): 5850 mg/kg [Mouse].

Chronic Effects on Humans:The substance is toxic to lungs, mucous membranes.

Other Toxic Effects on Humans:Very hazardous in case of skin contact (corrosive).

Hazardous in case of skin contact (irritant, permeator), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals:Not available.

Special Remarks on Chronic Effects on Humans:Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

SECTION 12:ECOLOGICAL INFORMATION

Environmental Fate: No information found.

Environmental Toxicity: No information found.

SECTION 13: Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14:TRANSPORT INFORMATION

INOPHA INTERNATIONAL CO.,LIMITED
Add:No 822, Qianmo Rd, Hangzhou, China
Email:info@inopha.net

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

SECTION 15:REGULATORY INFORMATION

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SECTION 16:OTHER INFORMATION

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