

MSDS

Material Safety Data Sheet

Novant Organex NVI 15P21

MSDS No.: NVI 15P21 Effective Date: 2005.06.06 Amendatory Date: 2006.02.08 Edition: Revision

1. PRODUCT IDENTIFICATION

Product Name: Novant Organex Pigment Blue 15:0

Product Code: NVI 15P21

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients | Chemical Name | CAS No. | CI No. |
|------------------------------------|------------------------|----------------------------------|--------|
| Copper Phthalocyanine Alpha Blue | C.I. Pigment Blue 15:0 | 147-14-8 | 74160 |
| Hazard Symbols: None Listed | | Risk Phrases: None Listed | |

3. HAZARDS IDENTIFICATION

Important hazards: Avoid dust generation.

Potential Health Effects

Eye contact: Dust may cause irritation.

Skin contact: May cause irritation.

Ingestion: May cause irritation.

Inhalation: May cause irritation of the respiratory tract.

Chronic hazards: Chronic exposure to carbon black may cause pneumoconiosis; chronic exposure to copper can lead to anemia and liver, kidney, lungs and spleen damages.

4. FIRST AID MEASURES

Summary of first aid as follows:

Eyes contact: Immediately flush eyes with water for at least 15 minutes. If discomfort persists, seek medical attention.

Skin contact: Wash with soap and water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention.

Inhalation: Move person to fresh air. Consult doctor in event of any complaints.

5. FIRE-FIGHTING MEASURES

General Information:

Flash point °C: Not applicable.

Autoignition temperature: Not applicable.

Lower explosive limit: Not applicable.

Upper explosive limit: Not applicable.

Extinguishing media: Water spray, foam or dry powder.

Fire fighting procedures: Positive pressure, self-contained breathing apparatus.

Further information: Dispose of chemically contaminated water and soil according to local regulations.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautionary measures: Use protective equipment as indicated in item 8. Avoid inhalation of dusts.

Spills / Leaks: Take-up dry. Clean up spills immediately and prevent discharge into drainage/surface streams/groundwater. Avoid generation of dust.

7. HANDLING AND STORAGE

General handling: Avoid generation and inhalation of dust. Provide adequate ventilation. Avoid contact with eyes. Wash thoroughly after handling.

Storage: Store in a cool dry place, away from heat, sources of ignition and prevent build-up of electrostatic discharge. Packages should be sound and puncture-proof, press-proof and damp-proof.

8. EXPOSURE CONTROLS

Engineering controls: Storage and utilization facilities should be equipped with accessible water. Use adequate general or local ventilation to minimize dust generation.

Personal Protective Equipment

Respirator: Dust proof respirator.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin: Wear rubber or plastic apron and gloves, overalls, sleeves and boots as necessary to prevent skin exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder

Appearance / Color: Blue

Odor: Odorless

pH: 6.0 ~ 7.0 (5% aqueous suspension)

Specific gravity: 1.4 g/cm³

Solubility in water: Insoluble

10. STABILITY AND REACTIVITY

Thermal decomposition: > 300°C

Condition / Hazards to avoid: None known if handled and stored as specified.

11. TOXICOLOGICAL INFORMATION

Based on products of a similar structure and composition:

LD50/oral/rat: > 5000 mg/kg

Skin irritation: non-irritant

Eye irritation: non-irritant

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12. ECOLOGICAL INFORMATION

Based on products of a similar structure and composition:

Ecotoxic effects:

Toxicity to fish: *Leuciscus idus*/LC0 (48h): >100 mg/l

Micro-organisms/Effect on activated sludge: no inhibitory effects at 1000 mg/l

Water pollution class (WGK): 1 slightly hazardous to water

Product contains 10.5% approx. of complex bonded copper.

Product does not release nitrogen nor contain phosphates or organophosphorous compounds.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state and local legislation and regulations.

14. TRANSPORT INFORMATION

Not subject to transport regulations.

15. REGULATORY INFORMATION

The product does not require a hazard warning label.

16. OTHER INFORMATION

Label requirements

Label name: Novant Organex NVI 15P21

Label color: Pigment Blue 15:0

Notice to Reader

To the best of our knowledge, the information mentioned above is accurate. However, the final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee these are the only hazards existing.

Please ensure that this information is passed to the professionals who are capable of acting on it.