

# MSDS

## Material Safety Data Sheet



### Novant Micronix 4110YM

**MSDS No.:** 4110YM    **Effective Date:** 2006.01.28    **Amendatory Date:** 2006.08.10    **Edition:** Revised

#### 1. PRODUCT / COMPANY IDENTIFICATION

**Product Name:** Novant Micronix Micronized Iron Oxide Pigments

**Product Code:** 4110YM

##### NOVANT CHEMICALS

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#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name                      | CAS No.    | CI                | CI No.                           |
|------------------------------------|------------|-------------------|----------------------------------|
| FeOOH                              | 20344-49-4 | Pigment Yellow 42 | 77492                            |
| <b>Hazard Symbols:</b> None Listed |            |                   | <b>Risk Phrases:</b> None Listed |

#### 3. HAZARDS IDENTIFICATION

No known hazards. This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). May cause mechanical irritation on eye contact.

#### 4. FIRST AID MEASURES

##### Summary of first aid as follows:

**Eye contact:** Immediately flush eyes with water for at least 15 minutes and seek medical attention.

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

**Ingestion:** Drink plenty of water and rinse mouth out thoroughly. If discomfort persists, seek medical attention.

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

**General:** Remove contaminated clothing.

#### 5. FIRE-FIGHTING MEASURES

##### General Information:

**Extinguishing media:** Use extinguishing media appropriate for surrounding fire.

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

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Spills / Leaks:** Take-up mechanically. Avoid generation of dust.

#### 7. HANDLING AND STORAGE

**General handling:** Avoid generation of dust.

**Storage:** The packages should be tightly sealed, sound and puncture-proof, press-proof and damp-proof. Store in cool and well ventilated conditions.

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#### 8. EXPOSURE CONTROLS

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**General precautions:** Avoid breathing in dust and contact with eyes and skin. Keep away from food and drinks. Wear suitable protective clothing such as plastic apron, sleeves, and boots. Wash thoroughly after handling.

##### Personal Protective Equipment

**Gloves:** Rubber or Plastics gloves (DIN/EN 374).

**Eyes:** Wear appropriate protective eye glasses or chemical safety goggles.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Form:** Powder

**Color:** Yellow

**Odor:** Odorless

**pH:** 4.5 ~ 7.5

**Melting point:** > 1000°C

**Solubility in water:** Insoluble

**Density:** 4.1 g/cm<sup>3</sup>

#### 10. STABILITY AND REACTIVITY

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**Thermal Decomposition:** Conversion to Fe<sub>2</sub>O<sub>3</sub> at approx. 180°C.

**Hazardous reactions:** None known.

#### 11. TOXICOLOGICAL INFORMATION

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**LD50/oral/rat:** > 5000 mg/kg

**Primary skin irritation/rabbit:** non-irritant

**Primary irritations of the eye/rabbit:** non-irritant

**Note:** The product was not tested. This statement was based on products of a similar structure and composition.

#### 12. ECOLOGICAL INFORMATION

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##### Ecotoxic effects

**Toxicity to fish:** Leuciscus idus/LC0: > 1000 mg/l

**Micro-organisms:** No adverse effect on Pseudomonas putida: > 1000 mg/l

Product is virtually insoluble in water, thus can be separated through suitable filtration and sedimentation process.

**Water pollution class (WGK):** not generally hazardous to water

WGK = classification in accordance with the German Water Resources Act (in accordance with Annex 1 to the Directive on Water-Hazardous Substances)

**Note:** The product was not tested. This statement was based on products of a similar structure and composition.

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### **13. DISPOSAL CONSIDERATIONS**

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

This material, as supplied, when discarded or disposed of, is not a hazardous waste according to US Federal regulations (40 CFR 261). Under the Resources, Conservation and Recovery Act (RCRA), it is the responsibility of the user of the material to determine at the time of disposal, whether the material is a hazardous waste subject to RCRA.

Within the EC, an appropriate European Waste Catalogue (EWC) code specific to the industrial sector should be assigned on disposal.

### **14. TRANSPORT INFORMATION**

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Not subject to transport regulations. Not dangerous cargo. Keep separated from foodstuff.

### **15. REGULATORY INFORMATION**

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**US TSCA:** All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA regulations.

**SARA Title III Section 312 Hazard Category:** Not regulated.

**SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372: None known.

**California Proposition 65:** None known to be present or none in reportable amounts for occupational exposure as per OSHA's approval of the California Hazard Communication Standard.

**EEC:** This product does not require a hazard warning label in accordance with EC Directives.

### **16. OTHER INFORMATION**

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#### **Label requirements**

**Label name:** Novant Micronix 4110YM

**Label color:** Yellow

#### **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.**