

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: NiXanthphos
Formula: C₃₆H₂₇NOP₂
Supplier: Watson International Ltd
Telephone No: 86-512-81867280
Fax No: 86-512-81867270

2. COMPOSITION/INFORMATION ON INGREDIENTS

No.	Name
1.	NiXanthphos

No.	CAS No.	R Phrases	Concentration	Classification
1.	261733-18-0	Ik	97.0% (w/w)	Ik
2.		-	3.0% (w/w)	Ik
3.				

Legend: Tx = Very Toxic, C = Corrosive, Xn = Harmful, Xi = Irritant, Ik = No Classification Required, E = Explosive, O = Oxidizing, Fx = Extremely Flammable, F = Very Flammable, Fo = Flammable, N = Dang. To the Environment, M = Genotoxic, A = Sensitizing, K = Carcinogenic, R = Causes birth defects, H = skin absorption

3. HAZARDS IDENTIFICATION

General:

Not a dangerous substance according to GHS.

Potential Health Effects:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Skin: May be harmful if absorbed through skin. May cause skin irritation.

Eyes: May cause eye irritation.

Ingestion: May be harmful if swallowed.

4. FIRST-AID MEASURES

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Skin Contact: Wash off with soap and plenty of water.

Eye Contact: Flush eyes with water as a precaution.

Swallow: Never give anything by mouth to an unconscious person. Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

Conditions of flammability: Not flammable or combustible.

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

WATSON

International Ltd

Website: www.watson-int.com; Email: contact@watson-int.com

Special protective equipment for firefighters	Wear self contained breathing apparatus for firefighting if necessary.
Hazardous combustion products	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO _x), Oxides of phosphorus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental Precautions:	Do not let product enter drains.
Methods for Cleaning Up:	Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling:	Provide appropriate exhaust ventilation at places where dust is formed.
Storage:	Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection:	Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand protection:	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Eye protection:	Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and body protection:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Hygiene measures:	General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Color:	White to tan
pH:	No data available.
Boiling Point/Boiling Range:	No data available.
Melting Point/Melting Range:	256 - 262 °C
Flash Point:	No data available.
Ignition temperature:	No data available.
Lower explosion limit:	No data available.
Upper explosion limit:	No data available.
Vapour pressure:	No data available.

WATSON International Ltd

Website: www.watson-int.com; Email: contact@watson-int.com

Density: No data available.

10. STABILITY AND REACTIVITY

Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: No data available.
Conditions to avoid: No data available.
Materials to avoid: Strong oxidizing agents.
Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Oxides of phosphorus
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Irritation: No data available.

12. ECOLOGICAL INFORMATION

Mobility: No data available.
Degradability: No data available.
Accumulation: No data available.

13. DISPOSAL CONSIDERATIONS

Product and Waste: Offer surplus and non-recyclable solutions to a licensed disposal company.
Containers: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US): Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.

15. REGULATORY INFORMATION

Contains NiXanthphos 97.0% w/w

16. OTHER INFORMATION

Packing:
Or as per request.
Revision:

Date Prepared: 06/Mar/2013

DISCLAIMER

The information in the MSDS relates to this specific material. If the product is used as a component in any other product, this MSDS

WATSON

International Ltd

Website: www.watson-int.com; Email: contact@watson-int.com

may not be valid. The information contained was obtained from sources which we believe are reliable. The information is provided without any warranty, expressed or implied, regarding its correctness.

BY: Watson International Ltd

2013-01-01