

Safety data sheet according to 2001/58/EC

Date/draft 27.08.2007 Last update 27.08.2007 Printed on: 27.08.2007
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1. Identification of the substance or preparation**Trade Name:** NITOR BLUE WL-R**Use of the substance/preparation:** Leather finishing**2. Possible Hazards:**

Flammable. Pay attention to good rules of industrial hygiene.

3. Composition and information on ingredients:

Chemical constitution: organic-water dispersion pigments in acrylic resin

Hazard Contents:

1-5% **Diethylene glycol**
 CAS: 111-46-6 | EINECS: 203-872-2 | INDEX: 603-140-00-6 | REACH: n.a
 Xn: R 22

5-10% **1-Methoxy-2-propanol**
 CAS: 107-98-2 | EINECS: 203-539-1 | INDEX: 603-064-00-3 | REACH: n.a
 R 10

5-10% **Butyl diglycol**
 CAS: 112-34-5 | EINECS: 203-961-6 | INDEX: 603-096-00-8 | REACH: n.a
 Xi: R 36

4. First Aid measures:

General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation: Supply fresh air and call for doctor for safety reasons. In case of unconsciousness bring patient into stable side position for transport.

After skin contact: Instantly wash with water and soap and rinse thoroughly. If irritation develops, consult a physician.

After eye contact: Rinse opened eye for almost 15th minutes under running water. If symptoms persist, consult a physician.

After ingestion: If swallowed, dilute with water; do not induce vomiting. Get immediate medical attention.

5. Fire fighting measures:

Extinguishing media: Use water fog, foam or dry chemical extinguishing media.

Special fire fighting procedure: Fire fighting should be equipped with self contained breathing apparatus and turnout gear.

Usual fire and explosion hazard: Adequate ventilation and cleanup must be maintained to minimize dust accumulation. May form explosive dust-air mixture.

6. Accidental release measures:

Personal precautions: Avoid contact with skin and eyes wearing protective clothing. Avoid inhalation of vapours or powders wearing protective masks

Environmental precautions: Limit leakages with earth or sand. If the product has escaped into the drainage system or it has contaminated the ground or vegetation, notify the competent authorities.

Methods for cleaning up: Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

7. Handling and storage:

Handling: Use protective clothing as gloves, coveralls apron, boots; necessary to prevent skin contact. Do not drink or eat or smoke while working.

Incompatible material: None in particular

Storage: Use local exhaust to control dusting. . Store at 5-40°C

8. Exposure controls and personal protection:

Respiratory protection: Approved protective.

Hands protection: Use protective clothing. Do not drink or eat or smoke while working.

Eye protection: Chemical safety goggles or glasses.

Body protection: Appropriate protective clothing.

Other protective equipment: Showers and eye – washers in working area are recommended

General precaution: Good local exhaust ventilation. Avoid long-term exposure, even to small quantities.

Specific hygiene measures: Washing/ Showering facilities with a non-solvent based skin cleaner, hot water and soap must be provided and used. Overalls should be changed frequently and dry cleaned. Grossly contaminated clothing should be changed immediately and should not be taken home. The condition of gloves should be checked before use for signs of internal contamination.

Incompatible material: Adequate ventilation and cleanup must be maintained to minimize dust accumulation. May form toxic or explosive fumes / steams.

8.1 Exposure limit values

1-5% **1-Methoxy-2-propanol**
 TLV-TWA: 375 mg/m³ - 100 ppm – SKIN
 TLV-STEL: 568 mg/m³ - 150 ppm – SKIN

5-10% **Butyl diglycol**
 TLV-TWA: 67,5 mg/m³ - 10 ppm TLV-STEL: 101,2 mg/m³ - 15 ppm

	Dir. 2004/42/CE	Dir. 1999/13/CE
Volatile Organic Compounds (VOCs)	200 g/l	110 g/l
Total Organic Carbon	110 g/l	60 g/l

9. Physical and chemical properties:

Form: liquid
Colour: blue
Odour: typical
Boiling point: about 100-245°C
Melting point: n.a.
Flash point: >60°C
Combustibility: n.a.
Decomposition temp. n.a.
Solubility in water: miscible
pH value at 10 g/l of water and at 20°C: 6-9
Density: 1.000 g/ml at 20°C
Solid content: 30±3 %
Viscosity: n.a.

10. Stability and reactivity:

Conditions to avoid: stable under normal conditions
Substances to avoid: None in particular
Hazardous reactions: powder may form dusty clouds flammable in the air.
Hazardous decomposition products: Carbon monoxide (CO), carbon dioxide (CO2)

11. Toxicological information:**Single substances:**

compound	DL50 oral	DL50 skin	CL50 inhalation
Diethylene glycol	>10.000 mg/kg	>10.000 mg/kg	---
1-Methoxy-2-propanol	>2000 mg/kg	>2000 mg/kg	>5 mg/l
Butyl di glycol	>2000 mg/kg	>2000 mg/kg	---

By analogy to similar products – not specifically tested.

12. Ecological information:

Environmental precautions: Limit leakages with earth or sand. If the product has escaped into the drainage system or it has contaminated the ground or vegetation, notify the competent authorities.

Methods for cleaning up: Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

Biodegradability: n.a. Method: test result of like concentrated product

BOD5 n.a.
 COD n.a.
 TOC n.a.

Single substances:

	CL50 (fish)	CE50 (shellfish)	RE50 (seaweed)
Diethylene glycol	>100 mg/l	>100 mg/l	---
1-Methoxy-2-propanol	> 1000 mg/l	> 1000 mg/l	> 1000 mg/l
Butyl di glycol	> 1300 mg/l	> 3200 mg/l	---

By analogy to similar products – not specifically tested.

13. Disposal considerations:

Dispose of in licensed facility. In accordance with local regulations governing hazardous solid waste.

Recommend crushing or other means to prevent unauthorized reuse.

14. Transport information:

Not dangerous for transportation.

15. Regulatory Information

Labelling according to 88/379 EEC Directives, 1999/45/EEC, 2001/58/EC (91/155/EEC and updates)

Classification and labelling:

Hazard designation: none

Hazard phrases : none

S phrases: S24/25 avoid contact with eyes and skin

16. Other information:

R phrase (sec.2):

R10 flammable

R22 harmful

R36 Irritating to eyes, respiratory system.

The herein contained information is based on the present state of our knowledge and does not therefore guarantee certain properties. Addresses of our products must take responsibility for observing existing laws and regulations.
