

MATERIAL SAFETY DATA SHEET

Catalogue N°: 957795 Date: 24/10/2004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Identification of the substance or preparation

UNICLEANER B

1.2. Use of the substance/preparation
Photographic developer

1.3. Company/undertaking identification

FUJI HUNT PHOTOGRAPHIC CHEMICALS NV.

EUROPARK NOORD 21-22

9100 SINT-NIKLAAS

BELGIUM

TEL: +32 (0)3 760 02 00

FAX: +32 (0)3 776 91 22

1.4. Emergency telephone

+32 (0)3 760 02 00

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: powder

Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Components Symb. R-phrases
80-100 .	62-56-6 .	200-543-5 .	THIOUREA Xn N R:22-40-51/53-63

3. HAZARDS IDENTIFICATION

Most important hazards :

Harmful if swallowed.

Possible risks of irreversible effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES

Eye contact

Irrigate with flowing water immediately and continuously for 15 minutes.

Consult medical personnel.

Skin contact

Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing

Ingestion

Consult a physician or transport to emergency facility immediately.

Inhalation

Remove to fresh air. Consult a physician.

Further information

None

5. FIRE-FIGHTING MEASURES

5.1. Suitable extinguishing media:

Water.

Water fog, carbon dioxide, foam, dry chemicals.

5.2. Extinguishing media to avoid:

None under normal conditions.

5.3. Further information:
Keep containers cool by spraying with water.

6. ACCIDENTAL RELEASE MEASURES

- Wear adequate personal protective equipment, see section 8 (exposure control / personal protection).
- Spills should be contained by and carried with suitable absorbent material and removed from disposal.
- Dispose of according to local and national regulations.
- Prevent from entering into soil, waterways and groundwater.

7. HANDLING AND STORAGE

7.1. Handling

Avoid eye and skin contact. Wash hands and exposed skin before eating, drinking or smoking and after work. Use only in a well ventilated area. Ingestion, exposure to skin and eyes and inhalation of any generated vapours should be avoided. Wear suitable protective clothing, gloves and eye/face protection. Do not consume or store food in the working area.

7.2. Storage

Keep containers tightly closed. Store in a well ventilated, cool, dry area. Storage temperature should be higher than +5°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Exposure limit values (INGREDIENTS INFORMATION)

THIOUREA
MAK-value(TRGS 900) = NAV
TLV-TWA = NAV

8.2. Exposure controls

Respiratory protection: no respiratory protection needed under normal conditions. Good ventilation should be sufficient.

Hand protection: use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials :
nitrile rubber (thickness \geq 0,38 mm, breakthrough time > 480 min)
neoprene (thickness \geq 0,65 mm, breakthrough time > 240 min).

butyl rubber (thickness \geq 0,36 mm, breakthrough time > 480 min)

For intermittent splash protection corresponding gloves with breakthrough time > 60 min can be used.

Avoid gloves made of : natural rubber.

Eye protection: use chemical safety goggles. Eye wash fountain should be located in immediate work area.

Other: appropriate protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid
Flash point °C : NA
Density (20°C) Kg/L : 0.999999
Solubility in water (25°C) : Completely
pH value (25°C) : 0.99999

10. STABILITY AND REACTIVITY

10.1. Conditions to avoid

The product is stable under normal storage conditions.

10.2. Materials to avoid

Keep away from acids.

Keep away from alkalis.

Keep away from oxidising material(s).

10.3. Hazardous decomposition products

Formation of CO₂, CO, SO₂ is possible.

11. TOXICOLOGICAL INFORMATION

Acute toxicity (INGREDIENTS INFORMATION)

THIOUREA
LD50 (Oral Rat) = 1750 mg/kg

Ingestion

Harmful if swallowed.

Further information

Possible risks of irreversible effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity (INGREDIENTS INFORMATION)

THIOUREA

LC50 (Pimephales promelas, 96h) = > 600 mg/l

13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations. Containers must be disposed of in accordance with local regulations.

EWC: 09 01 01 Water-based developer and activator solutions

14. TRANSPORT INFORMATION

UN N° : - PSN : NON HAZARDOUS SOLID
ADR/RID Class : NA Item :NA TREMCARD :NA
Pack.gr.: NA
IMDG/ADNR Class : NA EmS :NA Mar.Poll. :N
Pack.gr.: NA
ICAO/IATA Class : NA Pass. < :NA Instr. :NA
Pack.gr.: NA Cargo < :NA Instr. :NA

15. REGULATORY INFORMATION

EU Classification and User Label Information:

Contains : THIOUREA

Symbol(s) : Xn N

R(isk) phrase(s) :

R22 : Harmful if swallowed.

R40. : Possible risks of irreversible effects.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S(afety) phrase(s) :

S22 : Do not breathe dust.

S24 : Avoid contact with skin.

S36/37 : Wear suitable protective clothing and gloves.

S61 : Avoid release to the environment. Refer to special instructions/Safety data sheets.

Other information :

WGK: 2

16. OTHER INFORMATION

The use of the preparation is restricted to professional users!

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.

Date of issue: 01.04.2004 Supersedes edition of -

NAV : Not available NA : Not applicable

RISK PHRASES MENTIONED IN PARAGRAPH 2:

R22 : Harmful if swallowed.

R40 : Limited evidence of a carcinogenic effect.

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R63 : Possible risk of harm to the unborn child.

List of distributors :

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