

# MATERIAL SAFETY DATA SHEET

Catalogue N°: 958603      Date: 24/10/2004

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Identification of the substance or preparation  
**ANATOMIX PLUS DEVELOPER STARTER 1L**

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: aqueous solution  
Components contributing to hazard:

w/w%	CAS N°	EINECS N°	Components Symb. R-phrases
10-20 .	7758-02-3 .	231-830-3 .	POTASSIUM BROMIDE - R:-

## 3. HAZARDS IDENTIFICATION

Most important hazards :  
Not classified as a hazardous product conform EEC Dangerous Substances Directive and Dangerous Preparation Directive.

## 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)

#### POTASSIUM BROMIDE

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 : Liquid  
Flash point °C : NA  
Density (20°C) Kg/L : 1.11  
Solubility in water (25°C) : Completely  
pH value (25°C) : 5.9  
Viscosity : As water

## **10. STABILITY AND REACTIVITY**

### 10.1. Conditions to avoid

The product is stable under normal storage conditions.

### 10.2. Materials to avoid

None.

### 10.3. Hazardous decomposition products

None.

## **11. TOXICOLOGICAL INFORMATION**

### Acute toxicity (INGREDIENTS INFORMATION)

#### POTASSIUM BROMIDE

LD50 (Oral Rat) = 3070 mg/kg

## **12. ECOLOGICAL INFORMATION**

### Ecotoxicity (INGREDIENTS INFORMATION)

#### POTASSIUM BROMIDE

LC50 (Fish, 96 hours) = NAV

### 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

Product is not classified for any mode of transportation.  
UN N° : - PSN : NON HAZARDOUS LIQUID  
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 : -  
Symbol(s) :  
R(isk) phrase(s) :  
R\_ : -  
S(afety) phrase(s) :  
S\_ : -  
Other information :  
WGK: 1

### 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.

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Date of issue: 01.04.2004 Supersedes edition of -  
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NAv : Not available NA : Not applicable  
RISK PHRASES MENTIONED IN PARAGRAPH 2:  
- :

### List of distributors :

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