

**24 hour transportation emergency telephone number: Chemtrec 800-424-9300**

## **1. Identification of the product and the company**

- 1.1 Commercial name of the product: **FOMADON – P, (W 37)**  
1.2 Identification of the company: FOMA Bohemia Ltd  
J.Kru inky  
501 04 Hradec Králové (ČZ)  
Telephone: 495 733 111  
Telefax: 495 733 384  
Company ID: 62024078  
Emergency telephone number: Toxicological information centre  
Na boji ti 1, 128 08 Prague  
Telephone: 224 919 293

## **2. Composition**

The product (small and great part) contains these substances:

<b>Chemical name</b>	<b>Classification R-phrases</b>	<b>S-phrases</b>	<b>Content in %</b>	<b>CAS-No.</b>	<b>ES No. (EINECS)</b>
<b>Hydroquinone</b>	<b>Carc3,mut3,Xn,N</b> R: 22-40-41-43-50-68	<b>S:2-26-36/37/39-61</b>	1-5	123-31-9	204-617-8
<b>Metol</b> 4-(methylamino)phenol sulfate	<b>Xn,N</b> R: 22-43-48/22-50-53	<b>S: 2-36/37-46-60-61</b>	1-2	55-55-0	200-237-1
<b>Sodium thiosulfite</b>	-		50-90	7757-83-7	231-821-4

The greater part contains these substances: Sodium thiosulfite

Content in (%): 70 – 95

The smaller part contains these dangerous substances: Hydroquinone 4-(methylamino)phenol sulfate

Content in (%): 50-75 20-30

## **3. Hazards identification**

The most important effects to human health when using:

- harmful if swallowed, danger of serious damage to health by prolonged exposure to ingestion
- possible risk of irreversible effects
- risk of serious damage to eyes
- may cause sensitisation by skin contact
- harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

## **4. First aid measures**

General measures:

- 4.1 Inhalation: In case of inhalation, move the involved person to fresh air. If necessary, seek medical advice.  
4.2 Skin contact: Take off the contaminated clothing, wash off thoroughly the involved spots with plenty of water. If necessary, seek medical advice.  
4.3 Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes, if necessary, seek medical advice.  
4.4 Ingestion: If conscious, drink plenty of water. Do not ever give a drink to an unconscious person. Induce vomiting. Seek medical advice.

## **5. Fire-fighting measures**

Suitable extinguishers: water – dry chemicals – CO<sub>2</sub>

Special risk: The product in itself is not flammable. In case of fire, sulfur dioxide can arise. After extinguishment measure with appropriate equipment.



*Sodium thiosulfite*: LD<sub>50</sub>/ingestion/test mouse: 820 mg/kg  
*4-(methylamino)phenol sulfate* : LD<sub>50</sub>/ingestion/test rat: 200 mg/kg RTECS

Irritating to eyes and skin. Irritating to respiratory system by contact with acid.  
 May cause sensitisation by long-term interference.

## **12. Ecological information**

*Hydroquinone (1,4-dihydroxybenzene)*:

Ecotoxicity: EC<sub>50</sub> (daphnia)/24 h: 0,11 mg/l  
 EC<sub>50</sub> (algae)/72 h: 0,335 mg/l  
 LC(daphnia)/24 h: 0,09 mg/l  
 LC<sub>50</sub>(fish)/96 h: 0,1 – 0,18 mg/l

*Sodium thiosulfite*: Acute ecotoxicity: LC<sub>50</sub>(fish)/48 h: 2350 mg/l  
 COD mg/g: 143

Effect to the environment: The product has not been yet tested in practice that way. But toxicological information about its components is available. The product is middle alkaline.

## **13. Disposal information**

Remains of the concentrate dispose in a safe manner in accordance with local regulations.  
 Empty paper container can be recycled.  
 Tapaten container without chemicals (rinsed) can be recycled.

## **14. Transport information**

The product is not subject any regulations concerning transport.

## **15. Regulatory information**

### **Classification:**

Symbol of danger:

R phrase:

**Xn** - harmful

**22** – harmful if swallowed

**40** – limited evidence of a carcinogenic effects

**41** – risk of serious damage to eyes

**43** – may cause sensitisation by skin contact

**48/22** – harmful: danger of serious damage to health by prolonged exposure if swallowed

**52/53** – harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment

**68** - possible risk of irreversible effects

**2** – keep out of reach of children

S phrase:

**26** - in case of contact with eyes, rinse immediately thoroughly with plenty of water and seek medical advice

**39** – wear eye/face protection

**46** –if swallowed, seek medical advice immediately and show the container

**60** – this material must be disposed of as hazardous waste

**61** - avoid release to the environment

## **16. Further information**

Use: Two-piece powder negative developer for processing of black and white films

Packing: **FOMADON-P, W 37 for 1 l**

126 g = 7 g of the small part + 119 g of the great part (for 1 l of developer working solution)  
 group packing 30 x 126 g