

1. Identification of the product and the company

- 1.1 Commercial name of the product: **FOMATOL LQN**
1.2 Identification of the company: FOMA Bohemia Ltd
J.Krušinky
501 04 Hradec Králové (ČZ)
Telephone: 495 733 111
Telefax: 495 733 384
Company ID: 62024078
Emergency telephone number: Toxicological information centre
Na bojišti 1, 128 08 Prague
Telephone: 224 919 293

2. Composition

Aqueous solution of chemicals.

The product contains these dangerous substances:

Chemical name	Classification R-phrases	S-phrases	Content in %	CAS-No.	ES No. (EINECS)
Hydroquinone	Carc3,mut3,Xn,N R: 22-40-41-43-50-68	S:2-26-36/37/39-61	1-5	123-31-9	204-617-8
Fenidone A (1-phenyl-3-pyrazolidone)	Xn,N R: 22-51/53	S: 2-61	0,05- 0,15	92-43-3	202-155-1
Sodium hydroxide	C R: 35	S: 1/2-26-37/39-45	0,1-2	1310-73-2	215-185-5
Potassium carbonate	Xn R: 22-36/37/38	S: 2-22-26-28-36	5-15	584-08-7	209-529-3

3. Hazards identification

The most important effects to human health when using:

- irritating to eyes and skin
- possible risk of irreversible effects
- may cause sensitisation by skin contact

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 all 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. Seek medical advice.

5. Fire-fighting measures

Suitable extinguishers: water – dry chemicals – CO₂

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

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

11. Toxicological information

Hydroquinone (1,4-dihydroxybenzene): Easy absorption through skin, harmful if swallowed.
LD₅₀/ingestion/test rat: 320 mg/kg RTECS, 41010
LD₅₀/skin/test rat: > 900 mg/kg

Sodium hydroxide: LD₅₀/ingestion/test rat: 500 mg/kg

1-phenyl-3-pyrazolidone (Fenidon A): LD₅₀/ingestion/test rat = 475 mg/kg

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: EC₅₀ (daphnia)/24 h: 0,11 mg/l
EC₅₀ (algae)/72 h: 0,335 mg/l
LC(daphnia)/24 h: 0,09 mg/l
LC₅₀(fish)/96 h: 0,1 – 0,18 mg/l

1-phenyl-3-pyrazolidone: LC₅₀/96 h/daphnia = 10 mg/l
removable in biological way 0 %

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. Organic substances present are supposed to be removable in biological way.

13. Disposal information

Remains of the concentrate dispose in a safe manner in accordance with local regulations.

Rinse the PE container after use 3 times with small amount of water. It is recommended to use the water intended for dilution. The rinsed water add to the operating solution prepared or dispose as hazardous waste. Small residues of hydroquinone in empty, rinsed container will come over by oxidation to harmless form of quinone.

Container without chemicals 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

43 – may cause sensitisation by skin contact

36/38 – irritating to eyes and skin

40 – limited evidence of a carcinogenic effects

68 - possible risk of irreversible effects

S phrase:

2 – keep out of reach of children

26 - in case of contact with eyes, rinse immediately with plenty of water and seek medical a dvices

36/37– wear suitable protective clothing and gloves

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

16. Further information

Use: Concentrate of positive developer for processing of black and white photopapers

Packing: 250 ml PE bottle in packing 36 x 250 ml