



Material Safety Data Sheet

According to Regulation No 1907/2006/EC – REACH, No. 2020/878 and No 1272/2008/EC - CLP

Date of revision : 09/16/2022

Version No: 7.0

Replaced version No: 6.3

SECTION 1	Identification of the substance/mixture and of the company/undertaking	
1.1	#Product identifier	FOMATOL P Malý díl/Small part
	#Other name or labelling of product:	FOMATOL P(W14) Malý díl/Small part (W14) Malý díl/Small part
1.2	Relevant identified uses of the substance or mixture and uses advised against	
	Two-piece powder positive developer for processing of black and white photopapers	
1.3	Details of the supplier of the safety data sheet	
	Supplier : Downstream User (Producer Mixture)	FOMA BOHEMIA spol. s r.o.(Ltd.) J. Krušinky 1737/6, 500 02 Hradec Králové tel: 495 733 111
	E-mail address and phone number	ilona.spackova@foma.cz +420495733368
1.4	Emergency telephone number	
	EU Poison Information Centres – see section 16	

SECTION 2	Hazards identification	
2.1	Classification of the substance or mixture (according to Regulation No 1272/2008 – CLP) The mixture is not classified - shows no hazardous properties	
	<u>The most important adverse physicochemical, human health and environmental effects:</u> Not available	
	2.2 Label elements (according to Regulation No 1272/2008/EC– CLP)	
	<i>hazard pictogram</i>	Not applicable
	<i>signal word</i>	Not applicable
	<i>hazard statement(s) (H- , EUH- phrases)</i>	Not applicable
	<i>precautionary statement (P- phrases)</i>	Not applicable
2.3	Other hazards	
	#The substance does not belong to the category of PBT, vPvB and are not included in the list drawn up in accordance with Article 59 (1) of REACH	

SECTION 3		Composition/information on ingredients			
3.2		#Mixtures			
Folder name	Identification number		Content % mass in the solution	Classification	SCL, M, ATE, note
1-phenyl-3-pyrazolidone (Phenidon A)	CAS number ES number Index number Registration number	92-43-3 2022-155-1 606-022-00-2 Not available	< 2,4	AcuteTox.4;H302 AquaticChronic2;H411	Not available

(Full text H-phrases... section 16)

SECTION 4		First aid measures
4.1	Description of first aid measures	
	#Immediate medical help is necessary depending on the nature of the contact with the mixture and the degree of difficulties caused.	
	After contact with skin: Wash affected area thoroughly with water.	
	Eye Contact: Remove any contact lenses and eye as soon as possible wash with plenty water. If necessary, open up violence cramped eyelids. Avoid contamination not contaminated eye wash liquid.. Do not neutralize. Seek medical help.	
	#Exposure by inhalation: Move the victim to fresh air.	
	Ingestion: Affected person calm, clear water rinse. Place to drink a glass (about 0.4 dl) of cold water. Do not induce vomiting. If affected person vomit spontaneously, control to prevent inhalation of vomit. Do not administer activated charcoal, and no neutralizing agent. Call a physician or transport the affected person to a doctor.	
4.2	Most important symptoms and effects, both acute and delayed	
	Not known	
4.3	Indication of any immediate medical attention and special treatment needed	
	#There are no specific instructions, symptomatic treatment.	

SECTION 5		Firefighting measures
5.1	Extinguishing media	
	The product is not flammable. Extinguishing agents adapt burning nearby.	
	Inappropriate extinguishing media: N.a.	
5.2	Special hazards arising from the substance or mixture	

	Not available
5.3	Advice for firefighters
	Breathing apparatus, workwear

SECTION 6	Accidental release measures
6.1	Personal precautions, protective equipment and emergency procedures
	#Remove persons not participating in the elimination of the consequences of the accident from its reach. When removing the consequences of the accident, use prescribed personal protective equipment. No smoking and handling of open flames.
6.2	Environmental precautions
	Do not allow substance to enter soil, sewage system, surface and groundwater.
6.3	Methods and material for containment and cleaning up
	The spilled product by mechanical collection. According to the extent of leakage select the appropriate tools: broom, dustpan, vacuum equipment, etc. Minimize dust. Gather into a suitable labelled container for further processing or disposal. Spill site with water. Contaminated washing water contain and remove.
6.4	Reference to other sections
	See sections 8 and 13

SECTION 7	Handling and storage
7.1	Precautions for safe handling
	While working to comply with basic requirements of safe work. Wear recommended personal protective equipment. Avoid contact with eyes. By manipulation prohibits eating, drinking and smoking, working with hot materials and open flame. Equipment must be equipped with means of extinguishing in enclosed areas, ventilation should be provided, either naturally or forced. Workplaces must be kept clean and escape routes must remain free.
7.2	Conditions for safe storage, including any incompatibilities
	Store in original containers in a cool, dry and well ventilated place. Containers should be stored separately from food.
7.3	Specific end use(s)
	See in 1.2. , Other uses – not available

SECTION 8	Exposure controls/personal protection
8.1	Control parameters
	International limit values for chemical agents (Occupational exposure limits, OELs): 1-Phenyl-3-pyrazolidone (Phenidon A)- not available Laying down limit values of biological exposure tests: not available <hr/> 1-phenyl-3-pyrazolidone (Phenidon A) DNELs,, PNECs- Not available

8.2	Exposure controls
	Individual protection measures, incl. protective equipment
	Technical measures: Working with a local source of suction and running water for the irrigation needs of the eyes, wash your hands or contaminated parts of the skin.
	Tightly closed containers and equipment, natural and mechanical ventilation. Do not allow product to the eyes, mouth, inhalation, skin contact. Do not eat, drink or smoke. Avoid contact with food substances and drinks. After work wash hands with soap and water. Alternatively, take off contaminated clothing.
	# Respiratory protection: During normal handling is not required.
	#Hand protection: During normal handling is not required
	#Eye protection: Safety glasses (EN166)- recommended
	#Skin protection: Protective work clothes with long sleeves are not required, recommended
Environmental exposure: Provide preventing spill into waterways, soil and drainage.	

SECTION 9	Physical and chemical properties	
9.1	#Information on basic physical and chemical properties	
	Appearance	White or yellowish powder
	Odour	Moderate, nonspecific
	pH	about 10.8 (7% solution after mixing big and small part)
	Melting point/freezing point	Information is not available
	Initial boiling point and boiling range	Irrelevant
	Flash point	Fireproof (Phenidon A: 135.3 °C)
	Flammability	Incombustible
	Upper/lower flammability or explosive limits	Irrelevant
	Vapour pressure	Irrelevant
	Vapour density	Irrelevant
	Absolute density	Not available
	Solubility – water (20 °C)	cca 200 g/l
	Partition coefficient: n-octanol/water	Irrelevant
	Auto-ignition temperature	Irrelevant
	Decomposition temperature	Not determined for the mixture
	Kinematic viscosity	Irrelevant
#Particle characteristics:	Irrelevant	
9.2	Other information	Not specified

SECTION 10	Stability and reactivity
10.1	Reactivity

	Za normálních podmínek nehrozí nebezpečí reaktivy
10.2	Chemical stability
	Under normal conditions the product is stable
10.3	Possibility of hazardous reactions
	Not available
10.4	Conditions to avoid
	High temperature
10.5	Incompatible materials
	Not available
10.6	Hazardous Decomposition Products
	Not available

SECTION 11	Toxicological information	
11.1	#Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity	ATE _{mix} (oral)= 19792 mg/kg(calculation) - Based on available data, the criteria for this classification are not match up 1 phenyl-3 pyrazolidone (Phenidon A) LD50/oral/ rat: 475 mg/kg bw *LD50/dermal/rat: 2000 mg/kg bw*source : substance Brief Profile: http://echa.europa.eu/	
Skin corrosion/irritation	Based on available data, the criteria for this classification are not match up	
Serious eye damage/eye irritation	Based on available data, the criteria for this classification are not match up	
Respiratory or skin sensitisation	Based on available data, the criteria for this classification are not match up	
Germ cell mutagenicity	Based on available data, the criteria for this classification are not match up	
Carcinogenicity	Based on available data, the criteria for this classification are not match up	
Reproductive toxicity	Based on available data, the criteria for this classification are not match up	
Specific target organ toxicity — single exposure	Based on available data, the criteria for this classification are not match up	
Specific target organ toxicity — repeated exposure	Based on available data, the criteria for this classification are not match up	
Aspiration hazard	Based on available data, the criteria for this classification are not match up	
<u>Likely routes of exposure and symptoms related to the physical, chemical and toxicological characteristics:</u>		
Oral toxicity (ingestion/swallowing): If swallowed, it can cause irritation of the upper respiratory tract and disorders of the digestive tract - abdominal pain, vomiting, diarrhea.		
Toxicity inhal. (inhalation): #Not expected under normal use		
Toxicity dermal. #Not expected under normal use		
Eye Contact:		

#May cause mild eye irritation upon direct contact	
Immediate, delayed and chronic effects of short and long term exposure: Data not available. The effects through prolonged or repeated exposure- see above .	
11.2.	Information on other hazards
	Not specified

SECTION	Ecological information
12	
12.1	Toxicity
	Not determined for the mixture. There is no assumption of adverse effects on the environment under normal use 1-phenyl-3 pyrazolidone-Fenidon A LC50/fish/96 hr.: 1-10 mg/L EC50/invertebrates(<i>Daphnia magna</i>)/96hr = 10 mg/L
12.2	Persistence and degradability
	Information for the mixture is not available <i>Phenidon A</i> : poorly biodegradable; the product contains less than 3% this substance
12.3	Bioaccumulative potential
	Information for the mixture is not available. Data for the bioaccumulative potential of the components are not available.
12.4	Mobility in soil
	Information for the mixture is not available. The product is soluble in water
12.5	Results of PBT and vPvB assessment
	Information for the mixture is not available. Substances are not identified as a PBT or vPvB
12.6.	Endocrine disrupting properties
	The mixture doesn't contain endocrine disrupting substances
12.7	Other adverse effects
	Not known

SECTION	Disposal considerations				
13					
13.1	Waste treatment methods				
	<table border="1"> <tr> <td>Code and type of waste</td> <td>09 01 01* – aqueous developer solutions 15 01 10 * - packaging containing residues of hazardous substances</td> </tr> <tr> <td>The recommended method of disposal of the substance/ preparation:</td> <td>The spilled product by mechanical collection. Minimize dust. Gather into a suitable labelled container for further processing or disposal. Spill site with water. Contaminated washing water and mix the solution contain and remove. Spilled product let soak up with inert absorbent material and pass the person authorized to remove. Must not be disposed of with household or other waste.</td> </tr> </table>	Code and type of waste	09 01 01* – aqueous developer solutions 15 01 10 * - packaging containing residues of hazardous substances	The recommended method of disposal of the substance/ preparation:	The spilled product by mechanical collection. Minimize dust. Gather into a suitable labelled container for further processing or disposal. Spill site with water. Contaminated washing water and mix the solution contain and remove. Spilled product let soak up with inert absorbent material and pass the person authorized to remove. Must not be disposed of with household or other waste.
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	Do not wash into sewerage.
# Physical / chemical properties that may affect waste management	Labeling according to Annex III of Directive 2008/98/EC: due to the classification of the component: HP14: „Ecotoxic“
The recommended method of disposal of contaminated product packaging:	Emptied containers pass to the authorised person
Waste legislation	Directive No. 2008/98/ES

SECTION 14	Transport information
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SECTION 15	Regulatory information
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1907/2006, registration, evaluation, authorisation, restriction chemicals (REACH) #Regulation (EC) No 2020/878, of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures Government Regulation No. 361/2007 Coll. On the health conditions of workers at work European Agreement concerning the international carriage of dangerous goods (ADR) International Maritime Dangerous Goods Code (IMDG Code) IATA Dangerous Goods Regulations (DGR)
15.2	Chemical safety assessment The chemical safety assessment for the product was not made.

SECTION 16	Other information
Abbreviations, symbols	
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
AcuteTox.4	Acute Toxicity, category 4
CLP : Regulation (EC) č.1272/2008 REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals SVHC: Substance of very high concerns PBT: Persistent, bioaccumulative and toxic vPvB :(very) Persistent, (very) Bioaccumulative RID: Regulations Concerning the International Transport of Dangerous Goods by Rail ICAO: International Civil Aviation Organisation ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level PNEC: Predicted No-Effect Concentration LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent EC50: Median Effective Concentration	

LOAEL: Lowest observed adverse effect level
 NOAEL: No Observed Adverse Effect Level
 NOEC: No Observed Effect Concentration
 NPK-P, PEL: Hygienic limits of chemical substances for working environment (the Czech Republic)
 N.a.: Not available
 bw: body weight
 #ATE: Acute Toxicity Estimate
 #SCL: Specific Concentration Limit

Materials used for the processing of safety data sheet

Information provided by the producer- Material Safety Data Sheets (MSDS) for chemical substances ,
 GESTIS database (www.gdudv.de), European Chemicals Agency <http://echa.europa.eu/>

Classification (according to Regulation No 1272/2008 – CLP): calculation method

H-phrases :

H302	Harmful if swallowed
H411	Toxic to aquatic life with long lasting effects

Guidance regarding the training of workers:

Workers coming into contact with hazardous chemicals or products must have access to data which are presented in this MSDS and be familiar with them clearly.

Person transporting hazardous chemicals and preparations must be familiar with guidelines for emergency response in accordance with regulations on hazardous goods within the meaning of ADR / RID.

The information contained in this MSDS are currently valid data and best practices for use and handling of this substance under normal conditions. Any other use or handling of this substance, which is not consistent with those of MSDS, excludes liability for defects, respectively damage, which would otherwise meet the producer, importer or retailer.

EU Poison Information Centres

Country	Poison Centre	Tel number 24hour every day/ other time
Austria	Poison Information Center/Vergiftungsinformationszentrale	+ 43 1 406 43 43
Belgium	Centre Antipoisons-Antigifocentrum center	+32 70 245 245
Bulgaria	National Toxicology Information center- Hospital for Active Medical Treatment and Emergency Medicine 'N.I.Pirigov', Sofia	+359 2 9154 409
Croatia	Poison Information Center/ Centar za kontrolu otrovanja	+385 1 2348 342
Denmark	Poison Center Hotline	+45 82 12 12 12
Estonia	Poisoning centre Hotline Mürgistusinfo	+372 16662
Finland	Poison Information Centre	+358 9 471977
France	Centre Antipoison et de Toxicovigilance de Paris	+33 1 40 05 48 48
Germany	Poison Information Centre in Berlin	+49 30 192 40

Country	Poison Centre	Tel number 24hour every day/ other time
Greece	Poison Information Centre	+30 2107793777
Iceland	Poisons Information Center (Eitrunarmiðstöð)	+354 543 2222
Ireland	National Poisons Information Centre	+353 1 809 2566
Hungary	Poison Information Service (National Institute for chemical safety) Információs szolgálat akút mérgezés eséén)	+36 80 201 199
Italy	Poisons Center CAV-Centro Antiveleni Roma	+39 06 68593726, +39 06 3054343, +39 06 49978000
Latvia	Toksikoloģijas un sepses klīnikas Saindēšanās un zāļu informācijas centrs	+371 67042473
Lithuania	Poison Information Bureau -PIB	+370 8-5 236 20 52
Luxembourg	Belgian Poison Center	+352 8002 5500
Netherlands	National Poisons Information Center (nationaal vergiftigingen Informatie centrum,NVIC)	+031 (0) 30 274 8888
Norway	Poison center (Giftinformasjonen)	+47 22 59 13 00
Poland	National Poisons Information Centre Lodz	+48 42 63 14 724
Portugal	Centro de Informação Antivenenos	+351 808 250 143
Romania	National institute for Public Health (Centrum National de Informare Toxicologica)	+40 21 318 36 06
Slovakia	National Toxicological Information Centre (Národné toxikologické informačné centrum)	+421 2 54 774 166
Spain	Toxicological Information Service (Servicio de Información toxicologica)	+34 91 562 04 20
Sweden	Giftinformationscentralen (Swedish poisons Information Centre)	112/ mon-fri 9.00-17.00 +46 10 456 6700
Switzerland	The Swiss Toxicological Information Centre (STIC)	145
United Kingdom	National Poisons Information Service -NPIS(Birmingham)	England, Wales, Scotland 111
Turkey	Toxicolog Department and Poisons Centre	+ 90 0312 433 7001,+90 0800 314 7900

Revised safety data sheet:

Version 7.0: change of identifier and composition of the mixture; change of the format of the safety data sheet according to Commission Regulation (EU) No. 2020/878 and complete revision of the text and data. Changes to the document are indicated by the symbol:#