



## Material Safety Data Sheet

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

Date of revision : 09/05/2022

Version No:12.0  
Replaced version No: 11.0

<b>SECTION 1</b>	<b>Identification of the substance/mixture and of the company/undertaking</b>	
1.1	<b>Product identifier</b>	<b>FOMADON EXCEL (W27), Malý díl/Small part</b>
	Other name or labelling of product:	Not specified
	#UFI	unallocated
1.2	<b>Relevant identified uses of the substance or mixture and uses advised against</b>	
	Two-piece powder negative developer for processing of black and white films	
1.3	<b>Details of the supplier of the safety data sheet</b>	
	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	<b>Emergency telephone number</b>	EU Poison Information Centres – see section 16

<b>SECTION 2</b>	<b>Hazards identification</b>	
2.1	<b>Classification of the substance or mixture</b>	
	(according to Regulation No 1272/2008 – CLP)	
	#The mixture is not classified - shows no hazardous properties	
	<i>Classification and full text of H-statements, see section 16</i>	
	<u>The most important adverse physicochemical, human health and environmental effects:</u> Are not listed	

<b>2.2</b>	<b>#Label elements (according to Regulation No 1272/2008/EC– CLP)</b>	
<i>hazard pictogram</i>		irrelevant
<i>signal word</i>		irrelevant
<i>hazard statement(s) (H- phrases)</i>		Not stated
<i>precautionary statement (P- phrases)</i>		Not stated

2.3	<b>Other hazards</b>
	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

<b>SECTION 3</b>		<b>Composition/information on ingredients</b>			
3.2		<b>Mixtures</b>			
<b>Folder name</b>	<b>Identification number</b>	<b>Content % mass in the solution</b>	<b>Classification</b>	<b>SCL, M, ATE, note</b>	
4-methyl-1-phenyl-3-pyrazolidone (Dimezon S)	CAS number ES number Index number Registration number	13047-13-7 235-920-3 Not available Not available	< 20	#Acute Tox 4;H302	Not available

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

<b>SECTION 4</b>	<b>First aid measures</b>
4.1	<b>Description of first aid measures</b>
	Immediate help is needed in case of eye contact
	<b>After contact with skin:</b> Wash affected area thoroughly with water.
	<b>Eye Contact:</b> Remove any contact lenses and wash eyes with plenty of water as soon as possible. If necessary, use force to open tightly closed eyelids. Take care not to rinse contaminated water into the non-affected eye. Do not neutralize. Seek medical advice if symptoms persist.
	<b>Exposure by inhalation:</b> Remove patient to fresh air, seek medical advice if symptoms persist
	<b>Ingestion:</b> 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	<b>Most important symptoms and effects, both acute and delayed</b>
	Symptoms and effects meet to expectations – see to hazards in section 2
4.3	<b>Indication of any immediate medical attention and special treatment needed</b>
	In the workplace, running water and soap. Symptomatic medical treatment

<b>SECTION 5</b>	<b>Firefighting measures</b>
5.1	<b>Extinguishing media</b>
	The product (liquid) is not flammable. Extinguishing agents must be adapted to burning substances in surrounding.
	Inappropriate extinguishing media: N.a.
5.2	<b>Special hazards arising from the substance or mixture</b>

	No known non-flammable aqueous solution. In case of fire after evaporation of water, dangerous decomposition products may be formed - sulfur dioxide!
<b>5.3</b>	<b>Advice for firefighters</b>
	Due to possible decomposition products see 5.2 and 10.6 it is necessary to use special breathing technique, chemical suit

<b>SECTION 6</b>	<b>Accidental release measures</b>
<b>6.1</b>	<b>Personal precautions, protective equipment and emergency procedures</b>
	Take persons not participating in removing the consequences of the accident out of reach. Ventilate enclosed spaces. Use the prescribed personal protective equipment when removing the consequences of the accident, provide appropriate ventilate. Smoking and manipulation with open fire is prohibited.
<b>6.2</b>	<b>Environmental precautions</b>
	Do not allow substance to enter soil, sewage system, surface and groundwater.
<b>6.3</b>	<b>Methods and material for containment and cleaning up</b>
	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 labeled container for further processing or disposal. Spill site with water. Contaminated washing water contain and remove.
<b>6.4</b>	<b>Reference to other sections</b>
	See sections 8 and 13

<b>SECTION 7</b>	<b>Handling and storage</b>
<b>7.1</b>	<b>Precautions for safe handling</b>
	Follow the safety rules while working. Wear recommended personal protective equipment. Personal protection – see to section 8. Avoid contact with eyes. Avoid breathing dust. Eating, drinking, smoking, working with burning materials and open fire is prohibited while working. Equipment must contain fire extinguishers in enclosed areas, ventilation must be ensured naturally or mechanically in enclosed spaces. Workplaces must be kept clean and escape routes must remain free.
<b>7.2</b>	<b>Conditions for safe storage, including any incompatibilities</b>
	Store in original containers in a cool, dry and well ventilated place. Containers should be stored separately from food. The working solution must be prepared according to the instructions.
<b>7.3</b>	<b>Specific end use(s)</b>
	See in 1.2 Other uses – not available

<b>SECTION 8</b>	<b>Exposure controls/personal protection</b>
<b>8.1</b>	<b>Control parameters</b>
	International limit values for chemical agents (Occupational exposure limits, OELs): <b>Dimezone S (4-methyl-1-phenyl-3-pyrazolidone)</b> International limit values for chemical agents (Occupational exposure limits, OELs) – not available
	<b>Dimezone S (4-methyl-1-phenyl-3-pyrazolidone)</b> DNELs, PNECs- not available

8.2	<b>Exposure controls</b>
	<b>Individual protection measures, incl. protective equipment</b>
	<b>Technical measures:</b> Working place must be equipped with a local suction and a source of running water if the eyes irrigation and washing of hands or affected parts of skin is needed. Tightly closed containers and equipment, natural and mechanical ventilation. Avoid contact with eyes and mouth, avoid inhalation and skin staining. Eating, drinking and smoking is prohibited while working. Avoid contact with food substances and drinks. After work wash hands with soap and water. Take off polluted clothes if needed.
	<b>Respiratory protection:</b> No need for normal handling.
	<b>Hand protection:</b> No need for normal handling
	<b>Eye protection:</b> Goggles / protective shield recommended (EN166)
	<b>Skin protection:</b> Long-sleeved workwear
	<b>Environmental exposure:</b> Secure the spaces against the leakage into watercourses, soil and sewage system.

SECTION 9	Physical and chemical properties	
9.1	<b>Information on basic physical and chemical properties</b>	
	Appearance	White powder
	Odour	Moderate, nonspecific
	pH	about 8.0 (12 % solution after mixing small and big part)
	Melting point/freezing point	Information not available
	Initial boiling point and boiling range	Irrelevant
	Flash point	Irrelevant
	Flammability	Incombustible
	Upper/lower flammability or explosive limits	Irrelevant
	Vapour pressure	Irrelevant
	Relative vapour density	Irrelevant
	Absolute density	Information not available
	Solubility – water	about 200g/l
	Partition coefficient: n-octanol/water	Irrelevant
	Auto-ignition temperature	Irrelevant
	Decomposition temperature	Irrelevant
Kinematic Viscosity	Irrelevant	
Particle characteristics	Information not available	
9.2	<b>Other information</b>	Not available

SECTION 10	Stability and reactivity
10.1	Reactivity

	Under normal conditions, there is no danger of reactivity. Reaction with acids may release sulfur dioxide
<b>10.2</b>	<b>Chemical stability</b>
	Under normal conditions the product is stable
<b>10.3</b>	<b>Possibility of hazardous reactions</b>
	Not known
<b>10.4</b>	<b>Conditions to avoid</b>
	The conditions under which dangerous reactions could occur are not known. Protect from direct long-term exposure to heat and sunlight - the product may be degraded.
<b>10.5</b>	<b>Incompatible materials</b>
	Acids
<b>10.6</b>	<b>Hazardous Decomposition Products</b>
	They do not form under normal conditions. In case of fire, sulfur dioxide is formed - see section 5. Possible evolution of sulfur dioxide at higher temperatures and reactions with acids

<b>SECTION 11</b>	<b>Toxicological information</b>	
<b>11.1</b>	<b>Information on hazard classes as defined in Regulation (EC) No 1272/2008</b>	
Acute toxicity	ATE <sub>mix</sub> (oral)=2830 mg/kg (calculation)- Based on available data, the criteria for this classification are not match up. No direct toxic effects are expected under normal use  <b>Dimezone S (4-methyl-1-phenyl-3-pyrazolidone)</b> LD50/oral/rat: 566 mg/kg bw	
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 sensitisation/ 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. The ingredients are not mutagenic	
Carcinogenicity	Based on available data, the criteria for this classification are not match up. The ingredients do not have a carcinogenic effect	
Reproductive toxicity	Based on available data, the criteria for this classification are not match up. The components have no potential for reproductive toxicity	
Specific target organ toxicity — single exposure	Based on available data, the criteria for this classification are not match up. There is no presumption of toxic effects on specific target organs	
Specific target organ toxicity — repeated exposure	Based on available data, the criteria for this classification are not match up. There is no presumption of toxic effects on specific target organs	
Aspiration hazard	Based on available data, the criteria for this classification are not match up. In normal use, inhalation hazard is not expected.	
<u>Likely routes of exposure and symptoms related to the physical, chemical and toxicological characteristics:</u>		
No adverse health effects are to be expected under normal use in accordance with the instructions and in accordance with generally applicable hygiene principles.		
Toxicity oral. (ingestion / swallowing): Not expected under normal use. If swallowed, may irritate mucous membranes - burning, coughing		
Inhalation toxicity (inhalation): Not expected under normal use.		

Toxicity dermal: Not expected under normal use	
Eye Contact: May cause serious eye irritation on direct contact - redness, burning	
Immediate, delayed and chronic effects of short and long term exposure: Information not available	
<b>11.2</b>	<b>Information on other hazards</b>
	Information not available

<b>SECTION</b>	<b>Ecological information</b>	
<b>12</b>		
<b>12.1</b>	<b>Toxicity</b>	
	Not determined for the mixture. Due to its composition, no adverse effects on the environment are expected under normal use. <b>Dimezone S (4-methyl-1-phenyl-3-pyrazolidone)</b> LC50/fish: 1-10 mg/L	
<b>12.2</b>	<b>Persistence and degradability</b>	
	No information available for the mixture. It is a mixture of mostly inorganic substances	
<b>12.3</b>	<b>Bioaccumulative potential</b>	
	No information available for the mixture. The ingredients have no bioaccumulation potential.	
<b>12.4</b>	<b>Mobility in soil</b>	
	No information available for the mixture. The mixture is soluble in water	
<b>12.5</b>	<b>Results of PBT and vPvB assessment</b>	
	No information available for the mixture. Substances are not identified as PBT or vPvB	
<b>12.6.</b>	<b>Endocrine disrupting properties</b>	
	The mixture doesn't contain endocrine disrupting substances	
<b>12.7</b>	<b>Other adverse effects</b>	
	Not known	

<b>SECTION</b>	<b>Disposal considerations</b>	
<b>13</b>		
<b>13.1</b>	<b>Waste treatment methods</b>	
	<b>Code and type of waste</b>	09 01 01* – aqueous developer solutions 15 01 10 * - packaging containing residues of hazardous substances
	<b>The recommended method of disposal of the substance/ preparation:</b>	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. Do not wash into sewerage.
<b># Physical / chemical properties that may affect waste management</b>	Labeling according to Annex III of Directive 2008/98 / EC: The conditions for classification of waste as hazardous according to Annex III of Directive 2008/98 / EC are not met.
<b>The recommended method of disposal of contaminated product packaging:</b>	Emptied containers pass to the authorized person.
<b>Waste legislation</b>	Directive No. 2008/98/ES

<b>SECTION 14</b>	<b>Transport information</b>
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Land transport (road / rail) ADR/RID , Maritime transport IMDG, Air transport ICAO-TI and IATA-DGR:

For the transport of the product **is not** classified as a dangerous thing (goods).

14.1	UN number or ID number	Not applicable
14.2	UN proper shipping name	Not applicable
14.3	Transport hazard class(es)	Not applicable
14.4	Packing group	Not applicable
	Labels	Not applicable
14.5	Environmental hazard	Not, see to section 12
	Marine pollutant	Not
14.6	Special precautions for user	See to section 8
14.7	Maritime transport in bulk according to IMO instruments	Not applicable

<b>SECTION 15</b>	<b>Regulatory information</b>
15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> Regulation (EC) No 1907/2006, registration, evaluation, authorisation, restriction chemicals (REACH) Regulation (EU) 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 Commission Decision 2014/955/EU amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament and of the Council European Agreement concerning the international carriage of dangerous goods (ADR) International Maritime Dangerous Goods Code (IMDG Code) IATA Dangerous Goods Regulations ( DGR)
	15.2

<b>SECTION 16</b>	<b>Other information</b>
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#Abbreviations, symbols	
Acute Tox.4	Hazardous to the aquatic environment, acute (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 N.a.: not available bw: body weight ATE: Acute Toxicity Estimate M: M- factors- multiplying factor SCL: Specific Concentration Limit	

<b>Materials used for the processing of safety data sheet</b>	
Information provided by the producer- Material Safety Data Sheets (MSDS) for chemical substances , GESTIS database ( www.gdov.de), European Chemicals Agency <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>	
<b>Classification (according to Regulation No 1272/2008 – CLP):</b> calculation method	
#H-phrases :	
H302	Harmful if swallowed
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 mixture which is not consistent with those of MSDS excludes the responsibility for defects, more precisely for damage for which the producer, importer or retailer would be otherwise responsible.	

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

  

Country	Poison Centre	Tel number 24hour every day/ other time
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
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) <b>Információs szolgálat akút mérgezés eséén)</b>	+36 80 201 199
Italy	Poisons Center CAV-Centro Antiveneni 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 12.0 – change of component classification ( see to 3.2), change of mixture classification, not assigned to UFI

Changes to the document are indicated by the symbol: #