

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878, as amended

**ALPHAPRINT - All In One Cleaner**

Date of Issue: 15/03/2023

Revision Date Version Number: 1.0



- ✓ **Suitable for all types of 3D printer surfaces.**
- ✓ **100% effective on all surface types.**
- ✓ **Removes all types of dirt.**  
Regular cleaning products only remove some dirt, but All In One Cleaner removes them all.
- ✓ **Eco-friendly and safe formula.**  
Protect your environment – non-toxic, biodegradable formula.
- ✓ **Odor-free**  
Enjoy a fresh workspace without strong chemical smells.
- ✓ **Easy to use**  
Innovative spray application ensures ease of use, effective cleaning, quick application, and minimal waste.

## Postup použití:

- 1/4** Apply to the 3D printer surface.
- 2/4** For better cleaning, use a cloth  
**1-2 sprays**
- 3/4** Wipe with a microfiber or paper towel.
- 4/5** For better adhesion, apply Alpha Lock.

## Warnings and Safety:

Contains: 1-methoxypropan-2-ol

May cause drowsiness or dizziness. If medical advice is needed, have the product container or label at hand. Keep out of reach of children. Avoid breathing mist/vapors/aerosols. Use only outdoors or in well-ventilated areas.

### IF INHALED:

Move the person to fresh air and keep them comfortable for breathing. If you feel unwell, call the TOXICOLOGY INFORMATION CENTER.

### Store locked up.

Dispose of contents/container by handing over to authorized waste disposal personnel or returning to the supplier.



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## SECTION 1: Identification of the substance/mixture and company/undertaking

### 1.1 Product Identifier:

Substance/Mixture	směs
UFI	CD70-A0VM-D001-QWC1

### 1.2 Relevant identified uses of the substance or mixture and uses advised against:

Identified use	Non-flammable cleaning agent for 3D printers.
Main intended use	PC-TEC-21 Solvents and extraction agents.
Uses advised against	The product must not be used in any other ways than those stated in section 1.

### 1.3 Supplier Information:

Supplier	INCHEMA s.r.o
Address	Bystra 761/10, Prague 9, 19300, Czech Republic
ID number (IČO)	64939014
VAT number (DIČ)	CZ64939014
Phone:	+420 728 627 980
Email	inchema@inchema.cz
Website	www.inchema.cz

### Contact for Safety Data Sheet-related matters:

Company	INCHEMA s.r.o
Email	inchema@inchema.cz

### 1.4 Emergency telephone number:

Toxikologické informační středisko (Poison Information Centre), General University Hospital in Prague (24-hour service)  
Tel: +420 224 91 92 93, +420 224 915 402

## SECTION 2: Hazard Identification

**2.1 Classification of the substance or mixture:**  
(according to Regulation (EC) No 1272/2008):  
The mixture is classified as hazardous.  
STOT SE 3, H336

**Most serious adverse effects on human health and the environment:**  
May cause drowsiness or dizziness.

### 2.2 Label Elements: Hazard symbol



Signal Word	Warning
Hazardous substances	1-methoxypropan-2-ol
Standard hazard statements	H336 May cause drowsiness or dizziness.

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## Precautionary Statements:

P101	If medical advice is needed, have the product container or label at hand	P304+P340	IF INHALED: Move the person to fresh air and keep comfortable for breathing.
P102	CD70-A0VM-D001-QWC1	P312	If you feel unwell, call a POISON CENTER/doctor.
P261	Avoid breathing mist/vapors/aerosol.	P405	Store locked up.
P271	Use only outdoors or in a well-ventilated area.	P501	Dispose of contents/container to an authorized waste disposal facility or return to supplier.

## 2.3 Other Hazards:

The mixture does not contain substances with endocrine-disrupting properties according to the criteria established by Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605. The mixture does not contain substances meeting the criteria for PBT or vPvB substances as listed in Annex XIII of Regulation (EC) No 1907/2006 (REACH), as amended.

## SECTION 3: Composition/Information on Ingredients

### 3.2 Mixtures

#### Chemical Characteristics

The mixture contains the following hazardous substances in the highest permissible concentrations.

Identification Number	Substance Name	% by Weight	Classification (EC) No 1272/2008	Note
Index:603-064-00-3 CAS: 107-98-2 ES: 203-539-1	1-methoxypropan-2-ol	<35	Flam. Liq. 3, H226 STOT SE 3, H336	1

#### Note:

1 – Substance with an established exposure limit.

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

Ensure your own safety. If symptoms occur or in case of doubt, consult a doctor and provide information from this safety data sheet. If unconscious, place the person in a stable side position with the head slightly tilted down and ensure airway patency; never give anything by mouth to an unconscious person. If the victim vomits, ensure they do not inhale the vomit. In life-threatening situations, perform artificial respiration or cardiac massage if necessary.

#### If inhaled

Immediately remove the person from exposure, move them to fresh air, keep warm, and seek medical attention if necessary.

#### In case of skin contact

Remove contaminated clothing, rinse the affected area with plenty of lukewarm water, and use soap if there are no open wounds. Seek medical attention if irritation persists.

#### In case of eye contact

Rinse carefully with running water for at least 10 minutes. If the person wears contact lenses, remove them if easy to do so.

#### If swallowed

Rinse mouth with clean water. Seek medical advice if necessary.

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## Czech Republic

Government Regulation No. 195/2021 Coll.

Substance Name (Component)	Type	Value	Conversion to ppm	Note
1-methoxypropan-2-ol (CAS: 107-98-2)	PEL	270 mg/m <sup>3</sup>	0,267	Skin penetration factor applies during exposure
	NPK-P	550 mg/m <sup>3</sup>	0,267	

## European Union

Commission Directive 2000/39/EC

Substance Name (Component)	Type	Value	Note
1-methoxypropan-2-ol (CAS: 107-98-2)	OEL 8 hours	375 mg/m <sup>3</sup>	Skin
	OEL 8 hours	100 ppm	
	OEL 15 minutes	568 mg/m <sup>3</sup>	
	OEL 15 minutes	150 ppm	

## 8.2 Exposure Controls

Ensure proper protective measures, especially good ventilation. This can be achieved only with local exhaust ventilation or general ventilation. If exposure limits cannot be met, respiratory protection must be used. Do not eat, drink, or smoke while working. Wash hands and face thoroughly after work and before breaks.

### Eye/face protection

Not required.

### Skin protection

Hand protection: Protective gloves resistant to the product. Wash skin thoroughly if contaminated

### Respiratory protection

Half-mask with a filter for organic vapors. Use an isolation breathing apparatus if exposure limits are exceeded or in poorly ventilated environments.

### Thermal hazards

Not applicable.

### Environmental exposure controls

Follow general measures for environmental protection, see section 6.2.

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

Physical stat	Liquid	Relative Vapor Density	Not available
Color	Colorless	Auto-ignition Temperature	Not available
Odor	Specific	pH	Not available
Melting/Freezing point	Data not available	Kinematic Viscosity	Not available
Boiling point or initial boiling point and boiling range	<100 °C	Water Solubility	Soluble
Flammability	Not available	Partition Coefficient n-octanol/water (log value)	Soluble
Lower and Upper Explosion Limits	Not available	Density and/or Relative Density	Not available
Flash Point	61 °C	Particle Characteristics	Not available
Vapor Pressure	Not available	Decomposition Temperature	Not available

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## 9.2 Other Information

Not specified.

## SECTION 10: Stability and Reactivity

### 10.1 Reactivity

Not specified.

### 10.2 Chemical Stability

The product is stable under normal conditions.

### 10.3 Possibility of Hazardous Reactions

None known.

### 10.4 Conditions to Avoid

Avoid high temperatures, open flames, sparks, and overheating.

### 10.5 Incompatible Materials

Keep away from strong acids, bases, and oxidizing agents.

### 10.6 Hazardous Decomposition Products

Under normal use, none occur.

At high temperatures and during fires, hazardous products such as carbon monoxide and carbon dioxide may form.

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects (according to Regulation (EC) No 1272/2008)

Exposure values are based on exposure limits for the working environment. Acute toxicity depends on concentration and exposure time. No toxicological data are available for the mixture.

#### Acute Toxicity

No data available for the mixture. Data for components are provided.

ALPHAPRINT - All In One Cleaner							
Exposure Route	Parameter	Method	Value	Exposure Time	Species	Gender	Determined Value
Oral	ATE		20000000 mg/kg				Calculated value

1-methoxypropan-2-ol							
Exposure Route	Parameter	Method	Value	Exposure Time	Species	Gender	Determined Value
Oral	LD <sub>50</sub>	OECD 401	3739 mg/kg		Rat (Rattus norvegicus)	M	
Oral	LD <sub>50</sub>	OECD 401	4277 mg/kg		Rat (Rattus norvegicus)	F	
Dermal	LD <sub>50</sub>	OECD 402	>2000 mg/kg		Rabbit	F/M	
Inhalation (vapor)	LD <sub>50</sub>	OECD 403	30,02 mg/l	4 hours	Rat (Rattus norvegicus)	F/M	

#### Skin Corrosion/Irritation

No data available for the mixture or components. According to available data, the mixture does not meet classification criteria.

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## Serious Eye Damage/Irritation

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Respiratory or Skin Sensitization

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Germ Cell Mutagenicity

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Carcinogenicity

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Reproductive Toxicity

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Specific Target Organ Toxicity – Single Exposure

May cause drowsiness or dizziness. No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria..

## Specific Target Organ Toxicity – Repeated Exposure

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## Aspiration Hazard

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

## 11.2 Information on Hazard Classes as per Regulation (EC) No 1272/2008

The mixture does not contain substances with endocrine-disrupting properties according to the criteria established by Commission Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

## SECTION 12: Ecological Information

### 12.1 Toxicity

No data available for the mixture or components. According to available data, the mixture does not meet the classification criteria.

1-methoxypropan-2-ol						
Parameter	Method	Value	Exposure Time	Species	Environment	Determined Value
LC <sub>50</sub>		6812 mg/	96 hours	Fish (Leuciscus idus)		
LC <sub>50</sub>	OECD 202	≥1000 mg/l	96 hours	Fish (Oncorhynchus mykiss)		Semi-static system
LC <sub>50</sub>	OECD 402	20800 mg/l	96 hours	Fish (Pimephales promelas)		Static system
EC <sub>50</sub>	OECD 202	21100-25900 mg/l	48 hours	Daphnia (Daphnia magna)		

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1-methoxypropan-2-ol						
Parameter	Method	Value	Exposure Time	Species	Environment	Determined Value
ErC <sub>50</sub>	OECD 201	≥1000 mg/l	7 days	Algae (Pseudokirchnerie lla subcapitata)		

## 12.2 Persistence and Degradability

No data available for the mixture or components. The following data is available:

### Biodegradability

1-methoxypropan-2-ol					
Parameter	Method	Value	Exposure Time	Environment	Determined Value
	OECD 301E	96 %	28 days		

## 12.3. Bioakumulační potenciál

No data available for the mixture or components. The following data is available:

1-methoxypropan-2-ol						
Parameter	Method	Exposure Time	Type	Environment	Temperature [°C]	Determined Value
Log Pow	0,37				20°C	Experimental
BCF	<2				20°C	Experimental

## 12.4 Mobility in Soil

No data available for the mixture or components. The following data is available

1-methoxypropan-2-ol				
Parameter	Value	Environment	Temperature [°C]	Determined Value
Log Pow	0,2-1,0			Estimated Value

## 12.5 Results of PBT and vPvB Assessment

No data available for the mixture or components.

## 12.6 Endocrine Disrupting Properties

The mixture does not contain substances with endocrine-disrupting properties according to Commission Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

## 12.7 Other Adverse Effects

Not specified.

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Avoid contaminating the environment. Follow the provisions of Act No. 541/2020 Coll., on waste, as amended, and applicable regulations on waste disposal. Dispose of in accordance with local regulations. Do not dispose of with municipal waste; hand over to an authorized disposal facility. Do not release into the environment or sewer system. Recycle perfectly cleaned containers if possible.

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## Legal Regulations on Waste

Act No. 541/2020 Coll., on Waste, as amended; Decree No. 8/2021 Coll., on the Waste Catalogue and Waste Assessment; Decision 2000/532/EC establishing a list of waste, as amended; Act No. 545/2020 Coll., amending Act No. 477/2001 Coll., on Packaging and Amendments to Certain Laws (Packaging Act), as amended; Decree No. 273/2021 Coll., on Waste Management, as amended.

## SECTION 14: Transport Information

### 14.1 UN Number or ID Number

Not relevant.

### 14.2 UN Proper Shipping Name

Not relevant.

### 14.3 Transport Hazard Class(es)

Not relevant.

### 14.4 Packing Group

Not relevant.

### 14.5 Environmental Hazards

Not relevant.

### 14.6 Special Precautions for User

Not relevant.

### 14.7 Maritime Bulk Transport according to IMO

Instruments

Not relevant.

## SECTION 15: Regulatory Information

### 15.1 Safety, Health, and Environmental Regulations/Specific Legislation for the Substance or Mixture

Regulation (EC) No. 1907/2006 (REACH), as amended; Regulation (EC) No. 1272/2008, as amended; Act No. 350/2011 Coll., on Chemical Substances and Mixtures, as amended; Act No. 258/2000 Coll., on Public Health Protection, as amended; Decree No. 415/2012 Coll., on Permissible Levels of Pollution and Conditions for Monitoring Air Quality, as amended; Act No. 541/2020 Coll., on Waste, as amended; Decree No. 8/2021 Coll., on Waste Management, as amended; Decree No. 432/2003 Coll., on the Protection of Workers' Health from Exposure to Chemical Substances, as amended; and amendments to Regulation (EU) 2020/878 amending Regulation (EC) No. 1907/2006 (REACH).

### 15.2 Chemical Safety Assessment:

Not performed.

## SECTION 16: Other Information

### List of Standard Hazard Statements Used in the Safety Data Sheet:

H226	Flammable liquid and vapor.
H336	May cause drowsiness or dizziness.

### List of Precautionary Statements Used in the Safety Data Sheet:

P101	If medical advice is needed, have the product container or label at hand.	P304+P340	IF INHALED: Move person to fresh air and keep comfortable for breathing.
P102	Keep out of reach of children.	P312	Call a POISON CENTER/doctor if you feel unwell.
P261	Avoid breathing mist/vapor/aerosol.	P405	Store locked up.
P271	Use only outdoors or in a well-ventilated area.	P501	Dispose of contents/container to an authorized waste disposal facility or return to supplier.

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## Additional Information Important for Safety and Human Health Protection

The product must not be used for any purpose other than that specified in section 1 without the consent of the manufacturer/importer. The user is responsible for complying with applicable health and safety regulations.

## Legend for Abbreviations and Acronyms Used in the Safety Data Sheet:

<b>ADR</b>	European Agreement Concerning the International Carriage of Dangerous Goods by Road	<b>LC<sub>50</sub></b>	Lethal Concentration for 50% of the Population
<b>BCF</b>	Bioconcentration Factor	<b>LD<sub>50</sub></b>	Lethal Dose for 50% of the Population
<b>CAS</b>	Chemical Abstracts Service	<b>log Kow</b>	Octanol-Water Partition Coefficient
<b>CLP</b>	Regulation (EC) No 1272/2008 on Classification, Labeling, and Packaging of Substances and Mixtures	<b>NPK</b>	Maximum Permissible Concentration
<b>EC<sub>50</sub></b>	Effective Concentration for 50% of the Population	<b>OEL</b>	Occupational Exposure Limit
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances	<b>PBT</b>	Persistent, Bioaccumulative, and Toxic
<b>EmS</b>	Emergency Response Procedures	<b>PEL</b>	Permissible Exposure Limit
<b>ES</b>	European Union Serial Number Identifier for Substances	<b>ppm</b>	Parts per Million
<b>EU</b>	European Union	<b>REACH</b>	Registration, Evaluation, Authorization, and Restriction of Chemicals
<b>EuPCS</b>	European Product Categorization System	<b>RID</b>	Regulations Concerning the International Carriage of Dangerous Goods by Rail
<b>IATA</b>	International Air Transport Association	<b>UN</b>	United Nations Four-digit Identification Number for Substances or Articles
<b>IBC</b>	International Bulk Chemical Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk	<b>UVCB</b>	Substances of Unknown or Variable Composition, Complex Reaction Products, or Biological Materials
<b>ICAO</b>	International Civil Aviation Organization	<b>VOC</b>	Volatile Organic Compounds
<b>IMDG</b>	International Maritime Dangerous Goods Code	<b>vPvB</b>	Very Persistent and Very Bioaccumulative
<b>IMO</b>	International Maritime Organization	<b>Flam. Liq.</b>	Flammable Liquid
<b>INCI</b>	International Nomenclature of Cosmetic Ingredients	<b>STOT SE</b>	Specific Target Organ Toxicity – Single Exposure
<b>ISO</b>	International Organization for Standardization		
<b>IUPAC</b>	International Union of Pure and Applied Chemistry		

## Training Instructions

Familiarize employees with the recommended use, personal protective equipment, hazards, and prohibited handling of the product.

## Recommended Use Restrictions

Not specified.

## Information on Data Sources Used in the Preparation of the Safety Data Sheet

Regulation (EC) No. 1907/2006 (REACH), as amended; Regulation (EC) No. 1272/2008, as amended; Act No. 350/2011 Coll., on Chemical Substances and Mixtures, as amended. Data on substances provided by registrants.

## Disclaimer

This safety data sheet contains data to ensure health and safety at work and environmental protection. The stated data reflect the current state of knowledge and experience as of the date of issue and comply with applicable regulations. They cannot be considered a guarantee of the product's properties or suitability for specific applications.