Version No. 1

Year: 1/06/2023 Update date: 1/06/2023

Safety data sheet

1. Identification

1.1 Product Name:	**Płyn do konserwacji *The Conservator***
1.2 Recommended use:	The product is intended for the preservation of coins / objects made of bronze, copper, nickel
1.3 Supplied by:	**A-Gora Num Aneta Gora** Hive. Mickiewicza 26/5 41-300 Dabrowa Gornicza Phone: +48 508 088 702

2. Hazard identification

2.1 Classification of the substance or mixture:

Flammable liquid (Category 2), H225

Serious eye damage/eye irritation (Category 2), H319

Specific target organ toxicity - single exposure (Category 3), H336 EUH066

The full text of the H-phrases cited in this Section can be found in Section 16 of this document.

2.2.1. Label elements:

Product symbol(s)

Word Attention

Hazard statements:

Highly flammable liquid and vapour. Irritating to the eyes. May make you feel drowsy or dizzy. Repeated exposure may cause dryness or cracking of the skin.

Precautionary statements:

Keep away from heat sources, open flames and hot surfaces. Smoking is prohibited. IF ON THE SKIN (or hair): Immediately remove/remove all contaminated clothing. Rinse the skin under a stream of water/shower. IF INHALED: take the victim out into the fresh air and provide conditions for rest in a position that allows free breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if they are and can be easily removed. Continue to rinse. Store in a well-ventilated and cool place.

3. Composition/Ingredient Information

Scientific name	CAS No:	Tue %
acetone	67-64-1	70-80

4. First aid measures

4.1 FIRST AID – INHALATION: Move or take the victim out into the fresh air. If the symptoms/signs persist, seek medical attention.

4.2 FIRST AID – CONTACT WITH SKIN: If redness, itching or burning occurs, wash the product off the skin with soap and water. If discomfort or irritation persists, seek medical attention.

4.3 FIRST AID – EYE CONTACT: Remove contact lenses. Rinse irritated eye thoroughly with water for 15-20 minutes. If discomfort or irritation persists, seek medical attention.

4.4 FIRST AID – FOOD INTAKE: In case of accidental ingestion, drink 1-2 glasses of water and treat symptomatically. Do not induce vomiting. Never give anything orally to an unconscious person. If you experience gastrointestinal symptoms, seek medical help from your doctor.

5. Fire protection measures

5.1 SPECIAL FIRE PROTECTION PROCEDURES: Contact emergency personnel. Use closed-circuit breathing apparatus and full protective equipment when large quantities of product are used. Dangerous decomposition products may be released. Thermal decomposition in the presence of air can cause the formation of carbon monoxide, carbon dioxide and water vapor.

5.2 EXTINGUISHING AGENTS:

Suitable extinguishing agents: Carbon dioxide, extinguishing powders, alcohol-resistant foam, water spray currents.

Unsuitable extinguishing agents: Do not use water in a compact stream.

6. Accidental release measures

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILLAGE OF MATERIAL: Collect spilled material with vermiculite or other absorption material. Collect and transport to a suitable waste container. Ventilate the room and remove all sources of ignition.

7. Handling and storage of the substance

7.1 HANDLING: Avoid contact with eyes. Use only as directed. Avoid inhalation of vapours.

7.2 STORAGE: Keep away from any sources of ignition in a cool room equipped with an automatic sprinkler system. Ensure adequate ventilation. Protect the container from physical damage and direct sunlight.

8. Exposure control / personal protective equipment

8.1 Control Parameters.

NDS 8h [mg/m3] – 600

MRL [mg/m3] – 1800

DNEL	Scope of apllication	orally		inhalation		skin	
Name of the product/ingridients		acute toxicity	chronic toxicity	acute toxicity	chronic toxicity	acute toxicity	chronic toxicity
Acetone	worker	-	-	2420 mg/m^3	1210 mg/m^3	-	186 mg/kg/24h
	consumer	-	62 mg/kg/24h	-	200 mg/m^3	-	62 mg/kg/24h

PNEC	water		residue		soil	other	
Name of the product/ingridients	fresh water	sea water	fresh water	sea water		occasional release	sewage treatment plant
ACETONE	10,6 mg/dm^3	1,06 mg/dm^3	30,4 mg/kg	30,4 mg/kg		-	100 mg/dm^3
					29,5 mg/kg		

8.2. Exposure control

8.2.1. Appropriate technical control measures

Use only with adequate ventilation.

8.2.2. Personal protective equipment such as personal protective equipment

It is necessary to properly choose protective clothing for the workplace with the preparation.

8.2.3. Environmental exposure control

Wear safety glasses (goggles) or face shield.

Use protective gloves resistant to chemicals, made of nitrile rubber or other material recommended by the glove manufacturer for contact with the product; The durability time and type of material is determined by the glove manufacturer. Wear protective clothing. Use appropriate footwear. When forming vapours / fumes / aerosols - use a breathing apparatus equipped with an AX absorber (brown) or better. Emissions from ventilation systems and process equipment should be checked to determine their compliance with the requirements of environmental laws. In some cases, vapour removal scrubbers, filters or design modifications to process equipment will be needed to reduce emissions to an acceptable level. Do not enter the sewage system.

9. Physical and chemical properties

Appearance:	Clear liquid without solid particles	**Physical state:**	Liquid
Odour:	No information available	**Odour threshold:**	No information
Specific gravity:	0.895	**ph:**	No information
Freezing point, °C:	Not available	**Viscosity:**	No information
Solubility in water:	No information available	**Partition coefficient n-octanol/water:**	No information
Decomposition temperature, °C	Not available		
Lower boiling point, °C:	35	**Explosion limit, %:**	No information
Flammability:	No information available	**Flash point, °C:**	24
Evaporation speed:	No information	**Auto-ignition temperature, °C**	No information
Vapor density:	No information available	**Saturated vapour pressure, mmHg:**	No information

10. Stability and reactivity

STABILITY: Stable

CONDITIONS TO AVOID: Ignition sources, high temperature.

INCOMPATIBILITY: No relevant information was found.

11. Toxicological information

EFFECTS OF OVEREXPOSURE – INHALATION: No information available

EFFECTS OF OVEREXPOSURE – SKIN CONTACT: No information available

EFFECTS OF OVEREXPOSURE – EYE CONTACT: Lack of information

EFFECTS OF OVEREXPOSURE – INGESTION: No information available

CARCINOGENICITY: Lack of information

MAIN ROUTE OF ENTRY: Skin contact

Acute toxicity values: The effects of this product have not been studied. The data of the individual ingredients are given below:

Nr CAS:	Scientific name	Alimentary route LD50	Skin LD50	Vapor LC50
67-64-1	aceton	5800 mg/kg rat	>76000 mg/kg rabit – 7400 mg/kg	

12. Ecological information

ECOLOGICAL INFORMATION: Product components are expected to be environmentally safe at concentrations foreseen in normal use and accidental leakage scenarios. Packaging elements are in line with traditional solid waste management practices. Additional information is available from the provider upon request.

13. Waste management

WASTE METHOD: Disposal must be carried out in accordance with applicable laws, regulations and the properties of the materials at the time of disposal.

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILLAGE OF MATERIAL: Collect spilled material with vermiculite or other absorption material. Collect and transport to a suitable waste container. Ventilate the room and remove all sources of ignition.

14. Transport information

SPECIAL PRECAUTIONS FOR TRANSPORT: Apply appropriate regulations/procedures for correct classification for transport.

The following classifications apply to the shipment of finished products in consumer packaging:

UN Code: UN1090

Transport hazard class: 3

Packaging group: II

The above classifications may not be applied to bulk and non-bulk quantities transported in packages other than consumer packages.

15. Legal Information

15.1. Safety, health and environmental legislation specific to the substance or mixture

- Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance) - Commission Regulation (EU) 2015/830, amending Regulation (EC) No 1907/2006 (REACH).
- Regulation of the Minister of Health of 16 September 2016 on occupational health and safety related to the presence of chemical agents in the workplace (i.e. Journal of Laws of 2016, item 1488).
- Regulation of the Minister of Family, Labor and Social Policy of 12 June 2018 on the maximum allowable concentrations and intensities of factors harmful to health in the work environment, as amended.
- Commission Regulation (EU) No 260/2014 of 24 January 2014 amending, for the purposes of adapting to technical progress, Regulation (EC) No 440/2008 laying down test methods pursuant to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Reference (L 81/1)
- Act of 19 August 2011 on the transport of dangerous goods (i.e.: Journal of Laws of 2018, item 169).
- Act of 13 June 2013 on packaging and packaging waste management (i.e.: Journal of Laws of 2018, item 150).
- Act of 14 December 2012 on waste (i.e.: Journal of Laws of 2018, item 21).
- Regulation of the Minister of Health of 10 August 2012 on the criteria and method of classification of chemical substances and their mixtures (ie: Journal of Laws of 2015, item 208).- Regulation of the Minister of Health of 20 April 2012 on the labelling of packaging of hazardous substances and hazardous mixtures and certain mixtures (i.e.: Journal of Laws of 2015, item 450).
- Act of 25 February 2011 on chemical substances and their mixtures (i.e. Journal of Laws of 2018, item 143).
- Regulation of the Minister of Health of 2 February 2011 on testing and measurements of factors harmful to health in the work environment (Journal of Laws of 2011, No. 33, item 166).
- Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on registration, the evaluation, authorisation and restriction of chemicals (REACH), the establishment of a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.- Regulation of the Minister of Economy of 21 December 2005 on essential requirements for personal protective equipment (Journal of Laws of 2005, No. 259, item 2173).- Act of 27 April 2001. Environmental law, as amended.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this product.

16. Other information

Date of update:	1/06/2023	**Date of change:**	New safety data sheet for hazardous substances
Reason for the change:	No information		

Full text of the abbreviated H-phrases:

H225 - Highly flammable liquid and vapour. H319 - Irritating to eyes. H336 - May make you feel sleepy or dizzy.

The information on this tab corresponds to our current state of knowledge. This is not a specification and does not guarantee specific properties. This information provides general health and safety guidance based on our knowledge of product handling, storage and use. This does not apply to unusual and non-standard applications of the product, for which instructions and recommendations are not followed.