

MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

1.1. Product identifier

Removal

Product number: -

UFI: 1300-A06S-800V-GJTJ

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

For tattoo ink pigment removal. For professional use.

Uses advised against: The product should NOT be used in the eye.

1.3. Details of the supplier of the safety data sheet

Supplier: **AS Company Czechia s.r.o.**
Prosecká 524/26, Praha, 180 00 Czech republic
ID number : 210 22 275
T. +420 777 013 500

Responsible person: sales@as-pigments.com

1.4. Emergency telephone number:

Ministry of Health of the Czech Republic
Chemical Substances and Biocidal Products Unit
Address: Palackého nám. 4, 128 01 Praha 2, Czech Republic
Phone: +420 267 082 236
+420 267 082 230
+420 267 082 229
E-mail: biocidy(at)mzcr.cz

For National Poison Centers see: <https://poisoncentres.echa.europa.eu/hu/appointed-bodies>

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]:

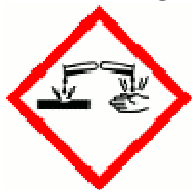
Skin Irritation, Category 2, H315 (Skin Irrit. 2)

Serious Eye Damage, Category 1, H318 (Eye Dam. 1).

For the full text of H-statements mentioned in this Section: see Section 16.

2.2. Label elements

Hazard Pictograms:



Signal word:

Danger

Hazard statements:

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

Precautionary statements:

P270 – Do not eat, drink or smoke when using this product.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental hazard information:

-

Substances contributing of hazard identification:

calcium oxide

2.3. Other hazards:

See PBT and vPvB assesment results in section 12.5.

Endocrine disrupting properties : see sections 11.2. and 12.6.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Component	CAS-No.	EC-No.	Index-No.	REACH-No.	Concentration [%]	Classification according to Regulation (EC) No. 1272/2008 [CLP]	H-statements	Special conentration limits
water	7732-18-5	231-791-2	-	no registration is required	78,4	-	-	-
calcium oxide	1305-78-8	215-138-9	-	-	15	Skin Irrit. 2 Eye Dam. 1 STOT SE 3	H315 H318 H335	-
glycerine	56-81-5	200-289-5	-	-	3	-	-	-

zinc oxide	1314-13-2	215-222-5	030-01 3-00-7	-	3	Aquatic Acute 1 Aquatic Chronic 1	H400 H410	-
magnesium oxide	1309-48-4	215-171-9	-	-	0,5	-	-	-
Triethanolamine	102-71-6	203-049-8	-	-	0,02	-	-	-
N-propanol; propan-2-ol	67-63-0	200-661-7	603-11 7-00-0	-	0,03	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336	-
Benzoid acid	65-85-0	200-618-2	607-70 5-00-8	-	0,05	Skin Irrit. 2 Eye Dam. 1 STOT RE 1 (lungs)	H315 H318 H372	-

For the full text of H-statements mentioned in this Section: see Section 16.

The product does not contain Substances of Very High Concern (SVHC).

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures:

GENERAL INFORMATION:

In case of accident or feeling sick immediately consult a physician. Show this safety data sheet or the product label to the doctor in attendance!

In most cases immediate medical attention is not required. As no serious harm is to be expected regardless kind and duration of any exposition, a mild cleaning of the related area (skin, eye) is suggested: wipe off the product, do not wet the area with water.

FOLLOWING INGESTION:

Rinse mouth with water and drink afterwards plenty of water. Do not induce vomiting.

FOLLOWING INHALATION:

Get medical attention in case of discomfort.

FOLLOWING SKIN CONTACT

Product is intended to be applied into the skin, generally no harm possible due to the product itself. In case the skin has to be cleaned prior to use, use mild cleaning products / water.

FOLLOWING EYE CONTACT:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

4.2. Most important symptoms and effects, both acute and delayed

Under normal conditions no known significant effects or critical hazard are expected.

4.3. Indication of any immediate medical attention and special treatment needed

Treat patient symptomatically.

Specific treatments No specific treatment.

SECTION 5 Firefighting measures

- 5.1. Extinguishing media:
Suitable extinguishing media: Use fire extinguishing methods suitable to surrounding conditions.
Unsuitable extinguishing media: none known.
- 5.2. Special hazards arising from the substance or mixture:
Product is not flammable. In combustion, packaging products materials emits toxic fumes.
- 5.3. Advice for firefighters
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Wear other appropriate protective equipment as conditions warrant (see Section 8).
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.1.1. For non-emergency personnel
No harm expected. No special precautions necessary.
- 6.1.2. For emergency personnel
No harm expected. No special precautions necessary.
- See sections 7 and 8.
- 6.2. Environmental precautions
Not harmful to the environment. No special precautions necessary.
- 6.3. Methods and material for containment and cleaning up:
Absorb liquid with appropriate absorbent material. For waste disposal see additionally section 13.
- 6.4. Reference to other sections
See sections 7, 8 and 13.

SECTION 7 HANDLING AND STORAGE

- 7.1. Precautions for safe handling:
Obtain special instructions before use. When using, do not eat, drink or smoke. Wash hands thoroughly before and after handling. Product should not be ingested!
Seal packaging tightly after usage. Clean already opened packages outward disinfectant and seal it again after usage.
Advice on protection against fire and explosion: Normal measures for preventive fire protection.

7.2. Conditions for safe storage, including any incompatibilities:

Store indoors tightly closed away from direct sunlight in a dry, cool and storage conditions well-ventilated area, away from food and drink. Store at temperatures below 25°C and above 10 °C. Eliminate all ignition sources.

7.3. Specific end use(s)

See section 1.2

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION8.1. Control parameters:

Exposure limits according Czech Government Regulation No. 361/2007 establishing the conditions for health protection at work

Substance	CAS number	PEL mg.m ⁻³	PEL ppm	NPK-P mg.m ⁻³	NPK-P ppm	notes	time limit applicability
Calcium oxide	1305-78-8	1 ^(R)		4 ^(R)		I,	
glycerol, mlha	56-81-5	10	2,6	15	3,9		
Zinc oxide powder	1314-13-2	2		5			
Magnesium oxide	1309-48-4	5		10			
triethanolamin	102-71-6	5	0,81	10	1,61	D, I	
2-propanol	67-63-0	500	200	1000	400	I	

Explanations to the table:

PEL - permissible exposure limit.

NPK-P - the highest permissible concentration.

R - respirable aerosol fraction.

Explanations for the "notes" column in the table:

D - penetration of the factor through the skin is significantly applied during exposure.

I - irritates mucous membranes (eyes, respiratory tract) or the skin.

ppm (parts per million) - the number of volume units of gas in a million volume units of air (ml/m³ of air).

Data on mass concentration in mg.m⁻³ are valid under conditions of temperature 20 °C and pressure 101.3 kPa.

EU Limit values according to COMMISSION DIRECTIVE (EU) 2017/164 of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU

Substance: Calcium oxide CAS: 1305-78-8

Limit value 8 hours mg/m³

Limit value short term mg/m³

European Union 1 Respirable fraction.

4 Respirable fraction. 15 minutes average value

For national limits please check national regulations or GESTIS International Limit Values:
https://limitvalue.ifa.dguv.de/WebForm_gw2.aspx

- 8.2. **Exposure controls:** in the case of a hazardous substance not regulated by a control limit, the employer is obliged to reduce the level of exposure to the lowest level that can be expected according to scientific and technical standards at the level of which, according to the current state of science, a dangerous substance is harmless to health. When using in an open system, use suction where possible. If local extraction is not possible or insufficient, adequate ventilation of the work area must be ensured.

General protective and hygienic measures

Do not eat, drink, and/or smoke during application. Always observe good personal hygiene measures, such as washing hands after handling.

Appropriate engineering controls

Provide adequate ventilation or other engineering controls to keep the airborne levels below their respective occupational exposure limits.

Individual protection measures, such as personal protective equipment:



a) eye/face protection

Safety eyewear and/or face protection complying with an approved standard (European Standard EN 166) should be used if there is risk of eye contact.

b) skin protection

- i. hand protection: Chemical-resistant, impervious gloves complying with an approved standard (European Standard EN 374) should be worn.
- ii. other: body protection: Wear protective apron to prevent contamination of clothing.

c) respiratory protection

Not required for normal use.

d) thermal hazards

Not known.

Environmental exposure controls

Contain spills and prevent releases.

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided above, is based upon intended, normal usage. If there is different than normal usage of the material it is advised to consult a safety specialist about the type of personal protective equipment and other actions that should be taken.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Properties		Method of determination	Notation
Appearance	liquid, suspension		
Color	white		
Odor	odourless		
Odor threshold	Not available		
Melting point/freezing point	Not available		
Initial boiling point and boiling range	Not available		
Flammability	not flammable		
Upper/lower flammability or explosive limits	Not available		
Flash point	Not available		
Auto-ignition temperature	Not available		
Decomposition temperature	Not available		
pH	9.5-9.8		
Kinematic viscosity	Not available		
Solubility	Not available		
Partition coefficient: n-octanol/water	Not available		
Vapor pressure	Not available		
Density and/or relative density	Not available		
Relative vapor density	Not available		
Particle characteristics	not applicable		

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not classified based on available information. Not explosive.

9.2.2. Other safety characteristics
No information available.

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Avoid exceeded temperatures.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Acute toxicity:

Not classified as acute toxic.

Skin corrosion / irritation:

Calcium oxide -CAS: 1305-78-8: Causes skin irritation.

Serious eye damage/irritation:

Calcium oxide -CAS: 1305-78-8: Causes serious eye damage.

Respiratory or skin sensitization:

Respiratory or skin sensitization is not expected.

Germ cell mutagenicity:

Germ cell mutagenicity is not expected.

Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity:

No information available.

STOT-single exposure:

No information available.

STOT-repeated exposure:

No information available.

Aspiration hazard:

Aspiration hazard is not expected.

Relevant toxicological data:

No information available.

Information on likely routes of exposure:

No information available.

Symptoms related to the physical, chemical and toxicological characteristics:

- Skin contact: No specific information available.
- Eye contact: No specific information available.
- Inhalation: No specific information available.
- Ingestion: No specific information available.
- Other: No information available.

Delayed and immediate effects as well as chronic effects from short and long term exposure:

See Section 4.2.

Interactive effects:

No information available.

Absence of specific data:

No information available.

Mixtures:

No information available.

Mixture versus substance information:

No information available.

11.2 Information on other hazards

Endocrine disrupting properties

None of the constituents is listed.

Other information

No information available.

SECTION 12 ECOLOGICAL INFORMATION

Do not allow product to reach surface water, waterways or soil.

12.1. Toxicity

No information available about the product.

zinc oxide CAS: 1314-13-2 : Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

Substance name	CAS	Toxicity	Method	Dose	Species	Note
Glycerin	56-81-5	Toxicity to fish	LC50	54,000 mg/L	Oncorhynchus mykiss	96 h

Substance name	CAS	Toxicity	Method	Dose	Species	Note
Glycerin	56-81-5	Toxicity to invertebrates	LC50	1955 mg/L	Daphnia magna	48 h
Glycerin	56-81-5	Toxicity to microorganisms	NOEC	>10,000 mg/L	Pseudomonas putida	16 h

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

Article XIII of Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) The product does not meet the criteria for PBT and vPvB.

12.6. Endocrine disrupting properties

None of the constituents is listed.

12.7. Other adverse effects

Not known.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods**Product disposal:**

Dispose of contents in accordance with local/regional/national/international regulations.

Packaging disposal:

Contaminated packaging: may contain product residues therefore it should be treated the same way as unused product.

Physical, chemical properties, which could influence waste management:

No information available.

Sewage disposal-relevant information:

No information available.

SECTION 14 TRANSPORT INFORMATION

The product is not dangerous good.

ADR/RID

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

ADN

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

IMDG

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user:-

ICAO-TI/IATA-DGR

14.1 UN number or ID number: -

14.2 UN proper shipping name: -

14.3 Transport Hazard Class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

14.6 Special precautions for user: -

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15 Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Regulations:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing 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.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) No 348/2013 of 17 April 2013 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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 (Text with EEA relevance)

15.2. Chemical safety assesment:

No information available.

SECTION 16 Other information

Identification of changes

v1.0 Revision and harmonization of the data sheet in accordance with applicable international legislation.

Abbreviations and acronyms:

PBT: persistent, bioaccumulative and toxic. vPvB: very persistent, very bioaccumulative. LD50 lethal dose, LC50 Lethal concentration. EC50 Effective concentration. EWC: European Waste Catalog. IARC: International Agency for Research on Cancer. RTECS: Registry of Toxic Effects of Chemical Substances. VOC: Volatile Organic Carbon. PNEC: Predicted no effect concentration. LIL: Lower Inflammatory Limit. UIL: Upper Flammability Limit. LELH: lower explosion limit. UEL: Upper explosion limit. STOT: Specific Target Organ Toxicity. LDLo Lethal dose, low. IC50: Inhibitory concentration. SVHC: Substances of very high concern. NOAEL: No-observed-adverse-effect level. LOAEL: Lowest-observed-adverse-effect level
For the compilation of the safety data sheet, we used the data of the registration dossier.

Full text of H-statements from section 2 and 3:

H225 – Highly flammable liquid and vapour.

H315 – Causes skin irritation.

H318 – Causes serious eye damage.

H319 – Causes serious eye irritation.

H335 – May cause respiratory irritation.

H336 – May cause drowsiness or dizziness.

H372 – Causes damage to organs through prolonged or repeated exposure.

H400 – Very toxic to aquatic life.

H410 – Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P270 – Do not eat, drink or smoke when using this product.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Further training advices:

No information available.

Recommended restrictions on use:

Do not use in the eyes.

Do not use beyond the expiration date.

Do not use after 12 months of opening and in any case beyond the expiration date.

As a precautionary measure, the product should not be applied to ladies who are pregnant or breast-feeding!

This Safety Data Sheet was prepared on the basis of documentation provided by the manufacturer and complies with the requirements of Regulation (EC) No. 878/2020.