

2 in 1 Glanzisolierung

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

1.1. Product identifier

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Prod.-No.

007-8200-2024

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

Use of the substance/mixture

Plaster against plaster polishing or as a gloss polish

Uses advised against

all uses which are not mentioned above

1.3. Details of the supplier of the safety data sheet

Company name:	OBG Oberbergische Gipswerke GmbH	
Street:	Büchlerhausen 22	
Place:	D-51766 Engelskirchen	
Telephone:	+49 2263 92905 35	Telefax: +49 2263 92905 36
E-mail:	info@obg-gmbh.com	
Contact person:	Zentrale	Telephone: +49 2263 92905 35
E-mail:	info@obg-gmbh.com	
Responsible Department:	management	

1.4. Emergency telephone number:

+49 2263 92905 35 (Mo-Fr 07:00-17:00 Uhr)

Further Information

No further relevant information available.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

GB CLP Regulation

Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

2.3. Other hazards

Results of PBT and vPvB assessment: The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
584-08-7	Potassium carbonate			2.5 - < 5 %
	209-529-3		01-2119532646-36	
	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
584-08-7	209-529-3	Potassium carbonate	2.5 - < 5 %
	dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg		

Further Information

No further relevant information available.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Call a doctor if you feel unwell.

After contact with skin

Remove contaminated, saturated clothing immediately. And wash it before reuse.

After contact with skin, wash immediately with plenty of water and soap.

If skin irritation occurs: Get medical advice/attention.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. (10 min)

Remove contact lenses, if present and easy to do. Continue rinsing.

In case of eye irritation consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

Let water be drunk in little sips (dilution effect). Never give anything by mouth to an unconscious person or a person with cramps.

Do NOT induce vomiting.

Get medical advice/attention if you feel unwell.

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

Reference to other sections: 2

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water spray jet, Dry extinguishing powder, alcohol

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resistant foam

Unsuitable extinguishing media

Strong water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon monoxide, Carbon dioxide, Nitrogen oxides (NOx)
Closed containers may burst when pressure and temperature rise

5.3. Advice for firefighters

Remove persons to safety.
Fight fire with normal precautions from a reasonable distance.
Special protective equipment for firefighters Protective clothing.
In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

See protective measures under point 7 and 8.
Wear personal protection equipment (refer to section 8).
Avoid contact with skin, eyes and clothes.
Keep away from sources of ignition - No smoking.
Provide adequate ventilation.
Do not breathe mist/vapours/spray. In case of inadequate ventilation wear respiratory protection.
Special danger of slipping by leaking/spilling product.

For non-emergency personnel

Remove persons to safety. Keep away from unprotected people. Keep upwind.
Avoid: aerosol or mist formation

For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Cover drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

For containment

Handling larger quantities:
Prevent spread over a wide area (e.g. by containment or oil barriers).
Small amounts of spillages:
Wipe up with absorbent material (eg. cloth, fleece).
Take up mechanically, placing in appropriate containers for disposal.
Dispose of waste according to applicable legislation.

For cleaning up

Clean with detergents. Avoid solvent cleaners.
Retain contaminated washing water and dispose it.

Other information

Provide fresh air.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

- Wear personal protection equipment (refer to section 8).
- Avoid contact with eyes and skin.
- Keep container tightly closed.
- Provide adequate ventilation.
- Avoid: aerosol or mist formation
- Avoid release to the environment. Collect spillage.

Advice on protection against fire and explosion

- Usual measures for fire prevention.

Advice on general occupational hygiene

- Germany - Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.
- Wash hands and face before breaks and after work and take a shower if necessary.
- When using do not eat, drink, smoke, sniff.
- Only wear fitting, comfortable and clean protective clothing.
- Avoid contact with skin, eyes and clothes.
- Take off contaminated clothing and wash it before reuse.
- Make available sufficient washing facilities
- To follow: Skin protection

Further information on handling

- Observe instructions for use.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

- Keep/Store only in original container.
- Keep in a cool, well-ventilated place.
- Protect from direct sunlight.
- Provide for retaining containers, e.g. floor pan without outflow.
- Unsuitable container/equipment material: Light metal

Hints on joint storage

- Keep away from food, drink and animal feedingstuffs.
- Keep away from: Acids

Further information on storage conditions

- Keep away from: Frost, Heat, Protect from moisture.

7.3. Specific end use(s)

- No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
584-08-7	Potassium carbonate		
Worker DNEL, long-term	inhalation	local	10 mg/m ³
Worker DNEL, long-term	dermal	local	16 mg/cm ²
Consumer DNEL, long-term	inhalation	local	10 mg/m ³
Consumer DNEL, long-term	dermal	local	8 mg/cm ²

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses. EN 166

IF exposed or concerned: Eye glasses with side protection

Hand protection

Tested protective gloves must be worn: EN ISO 374

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material, Breakthrough times and swelling properties of the material must be taken into consideration.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Observe the wear time limits as specified by the manufacturer.

Check leak tightness/impermeability prior to use.

Use protective skin cream before handling the product.

Skin protection

Protective clothing.

Respiratory protection

Usually no personal respirative protection necessary.

Respiratory protection necessary at: aerosol or mist formation

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Particle filter device (EN 143) P2

Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Thermal hazards

No data available

Environmental exposure controls

SECTION 6: Accidental release measures

Safe handling: see section 7

Clear spills immediately.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

light yellow

Odour:

characteristic

Melting point/freezing point:

No data available

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Boiling point or initial boiling point and boiling range:	No data available
Flammability:	No data available
Lower explosion limits:	No data available
Upper explosion limits:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH-Value (at - °C):	10,8
Water solubility:	very soluble
Solubility in other solvents	
No data available	
Partition coefficient n-octanol/water:	No data available
Density:	1,008 g/cm ³
Bulk density:	No data available
Relative vapour density:	No data available

9.2. Other information

Information with regard to physical hazard classes

Explosive properties	
No data available	
Sustaining combustion:	No data available
Self-ignition temperature	
Solid:	No data available
Gas:	No data available
Oxidizing properties	
No data available	

Other safety characteristics

Evaporation rate:	No data available
Solvent separation test:	No data available
Solvent content:	No data available
Solid content:	No data available

Further Information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reaction with: Acid

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

Reaction with: Acids

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Acids, Light metal, Halogens

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide

Further information

No further relevant information available.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
584-08-7	Potassium carbonate				
	oral	LD50 > 2000 mg/kg	Rat	Study report (1984)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1993)	other: US EPA Pesticide Assessment Guide

Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties

No data available

Further information

Calculation method.

SECTION 12: Ecological information

12.1. Toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
584-08-7	Potassium carbonate					
	Acute fish toxicity	LC50 68 mg/l	96 h	Oncorhynchus mykiss	Study report (1994)	other: FIFRA Guideline 72-1
	Acute crustacea toxicity	EC50 200 mg/l	48 h	Daphnia pulex	Study report (1994)	other: FIFRA Guideline 72-1

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12.2. Persistence and degradability

The surfactants contained in this mixture comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

-

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

-

12.7. Other adverse effects

No data available

Further information

Water hazard class 1

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Dispose of waste according to applicable legislation. (AVV 10 13 99)

Non hazardous waste according to Directive 2008/98/EC (waste framework directive).

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Completely emptied packages can be recycled.

Dispose of waste according to applicable legislation.

Cleaning agent: Water

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

Other applicable information

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)
Classification according to Regulation (EC) No 1272/2008 [CLP]
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. 648/2004 [Detergents regulation]
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)
DIRECTIVE (EU) 2018/851 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 May 2018 amending Directive 2008/98/EC on waste
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

Additional information

Germany
Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV)
Hazardous Substances Ordinance (GefStoffV)

TRGS 220, TRGS 400 ff., TRGS 500

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:
Potassium carbonate

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1.

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Abbreviations and acronyms

Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern

Key literature references and sources for data

ECHA

Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
EUH210	Safety data sheet available on request.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)