

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**EGO GLÄTTMITTEL ORIGINAL**

Revision date: 25.04.2023

Product code: 680\_\_0000

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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Product group: Adjuvants

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

Tooling agent

**1.3. Details of the supplier of the safety data sheet**

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG	
Street:	Kaltenbrunn 27	
Place:	D-82467 Garmisch-Partenkirchen	
Telephone:	+49 (0)8821 956 90	Telefax: +49 (0)8821 956 990
e-mail:	info@ego.de	
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960
e-mail:	EGO-Labor@ego.de	
Internet:	www.ego.de	

**1.4. Emergency telephone**

**number:** +49 55119240 (24h/7d)  
GIZ-Nord, Göttingen  
Member of EPECs network

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Hazard categories:  
Serious eye damage/eye irritation: Eye Irrit. 2  
Hazard Statements:  
Causes serious eye irritation.

**2.2. Label elements****Regulation (EC) No 1272/2008****Signal word:** Warning**Pictograms:****Hazard statements**

H319 Causes serious eye irritation.

**Precautionary statements**

P102	Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

**2.3. Other hazards**

No risks worthy of mention. The substances in the mixture do not meet the PBT / vPvB criteria according to REACH, Annex XIII.

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**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Aqueous surfactant solution.

**Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts			5 -< 10%
	500-234-8		01-2119488639-16	
	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412			
52-51-7	bronopol (INN); 2-bromo-2-nitropropane-1,3-diol			<0,1%
	200-143-0	603-085-00-8		
	Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, STOT SE 3, Aquatic Acute 1; H312 H302 H315 H318 H335 H400			

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		
52-51-7	200-143-0	bronopol (INN); 2-bromo-2-nitropropane-1,3-diol	<0,1% %
	dermal: ATE = 1100 mg/kg; oral: ATE = 500 mg/kg Aquatic Acute 1; H400: M=10		

**Labelling for contents according to Regulation (EC) No 648/2004**

5 % - &lt; 15 % anionic surfactants, preservation agents (OCTYLISOTHIAZOLINONE, 2-Bromo-2-nitropropane-1,3-diol).

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). When unconscious, do not administer anything through the mouth. If victim is at risk of losing consciousness, position and transport on their side.

**After inhalation**

Move out of dangerous area.  
Provide fresh air. Keep patient warm and at rest. If breathing has stopped, apply artificial respiration.

**After contact with skin**

Take off immediately all contaminated clothing After contact with skin, wash immediately with plenty of water and soap.  
If skin irritation persists, call a physician.

**After contact with eyes**

Rinse thoroughly with plenty of water, also under the eyelids. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.

**After ingestion**

Do not induce vomiting. If swallowed, rinse mouth with water (only if the victim is conscious). Immediately get medical attention. Show this safety data sheet to the doctor in attendance.

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

Hitherto no symptoms known.

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

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Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**alcohol resistant foam. Extinguishing powder. Carbon dioxide (CO<sub>2</sub>). Atomized water.**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

Combustion may provoke smoke emission. Danger of serious damage to health by prolonged exposure.

**5.3. Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**Additional information**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**Avoid contact with skin, eye and clothing.  
Special skid risk by leaking/spilling product.**For non-emergency personnel**

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

**For emergency responders**

Wear personal protection equipment.

**6.2. Environmental precautions**Do not flush into surface water or sanitary sewer system.  
In cases of gas being released or leakage into waters, the ground or the drainage system the appropriate authorities must be informed.**6.3. Methods and material for containment and cleaning up****For containment**

Prevent allover extension (e.g.knocking-down or a boom).

**For cleaning up**

Absorb with liquid-binding material ( e.g. sand, diatomaceous earth, acid- or universal binding agents).

**Other information**Store in suitable containers for disposal. Ventilate the affected area.  
Clean with detergents. Avoid solvents.**6.4. Reference to other sections**

See also section 7, 8, 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

No special protective measures are necessary. Keep away from sources of ignition. No smoking. Wash hands when done working with material; at breaks, lunch, shift changes, etc. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

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**Advice on general occupational hygiene**

When using, do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

**Further information on handling**

Do not carry product-soaked cleaning rags in your pockets. Keep the packing dry and well sealed to prevent contamination and absorption of dampness. When diluting, always add the product to water. Never add water to the product.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Store at room temperature in the original container.

**Hints on joint storage**

Do not store together with: oxidizing agent, strong acid, Strong lye

**Further information on storage conditions**

Protect from frost. Storage temperature: 5°C - 25°C. Keep container tightly closed in a cool, well-ventilated place. Solvent-applied. Keep away from direct sunlight. Store in a place accessible by authorized persons only.

**7.3. Specific end use(s)**

Tooling agent

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

The product does not contain any relevant quantities with workplace related limits to be monitored.

**8.2. Exposure controls****Appropriate engineering controls**

Use with adequate ventilation. If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Safety glasses

**Hand protection**

For prolonged or repeated contact use protective gloves.

Protective gloves complying with EN 374. Suitable material: NBR (Nitrile rubber).

**Skin protection**

Wear antistatic shoes and work clothes. (Natural fiber (e.g. cotton) / heat-resistant Synthetic fiber)

**Respiratory protection**

Use only in well-ventilated areas.

**Thermal hazards**

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

**Environmental exposure controls**

This information is not available.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	Soap.

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**Test method**

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	not determined
Flash point:	none
pH-Value:	approx. 7,5 ISO 4316
Density:	1,04 g/cm <sup>3</sup> DIN 53217
Particle characteristics:	not applicable

**9.2. Other information****Information with regard to physical hazard classes**

Explosive properties  
not Explosive.

**Other safety characteristics**

Viscosity / dynamic: 500-600 mPa·s

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

Protect from frost.

**10.5. Incompatible materials**

None known.

**10.6. Hazardous decomposition products**

No hazardous decomposition products are known.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
52-51-7	bronopol (INN); 2-bromo-2-nitropropane-1,3-diol				
	oral	ATE 500 mg/kg			
	dermal	ATE 1100 mg/kg			

**Irritation and corrosivity**

No skin irritation  
Eye irritation Category 2 (investigation report)

**Sensitising effects**

Not Rated

**Carcinogenic/mutagenic/toxic effects for reproduction**

Not Rated

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**STOT-single exposure**

Not Rated

**STOT-repeated exposure**

Health injuries are not known or expected under normal use.

**Aspiration hazard**

Not Rated

**Information on likely routes of exposure**

Skin contact

**Practical experience**

no data available

**SECTION 12: Ecological information****12.1. Toxicity**

No data is available on the product itself.

**12.2. Persistence and degradability**

The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

not defined

**12.5. Results of PBT and vPvB assessment**

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

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

**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 is available on the product itself.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable local, state, and federal regulations. Send to a licensed waste management company.

**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

**List of Wastes Code - contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**Contaminated packaging**

Dispose of waste according to applicable local, state, and federal regulations. Non-contaminated and emptied packaging can be recycled.

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**SECTION 14: Transport information****Land transport (ADR/RID)**

<b>14.1. UN number or ID number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

**Marine transport (IMDG)**

<b>14.1. UN number or ID number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

**Air transport (ICAO-TI/IATA-DGR)**

<b>14.1. UN number or ID number:</b>	Not restricted
<b>14.2. UN proper shipping name:</b>	Not restricted
<b>14.3. Transport hazard class(es):</b>	Not restricted
<b>14.4. Packing group:</b>	Not restricted

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Not restricted

**14.7. Maritime transport in bulk according to IMO instruments**

Not restricted

**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 3, Entry 75

2004/42/EC (VOC): 0 %

**National regulatory information**

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

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 6,7,8,9,11,16.

**Abbreviations and acronyms**

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

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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  
ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
IMDG: International Maritime Code for Dangerous Goods  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern

**Relevant H and EUH statements (number and full text)**

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

**Further Information**

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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