

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 1 of 11

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

EGO REINIGUNGSSPRAY

Product group: auxiliary agents

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

Cleaner

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

+49 55119240 (24h/7d)

number:GIZ-Nord, Göttingen
Member of EPECs network**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**Aerosol 1; H222-H229
STOT SE 3; H336
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**Hydrocarbons, C6-C7, iso-alkanes, cyclic, <5% n-hexane
propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

Pictograms:**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 2 of 11

P251	Do not pierce or burn, even after use.
P260	Do not breathe Aerosol.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves / protective clothing / eye protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P312	Call a POISON CENTER/doctor if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Remove according to the regulations.

2.3. Other hazards

Repeated exposure may cause skin dryness or cracking.

Consider German TRG 300 (pressurised gas containers). Moreover, national legislation has to be obeyed! regulation 75/324/EWG

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

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

Mixture aus Propellant, Solvent

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
109-87-5	Dimethoxymethan			40 - <45 %
	203-714-2			
	Flam. Liq. 2; H225			
	Hydrocarbons, C6-C7, iso-alkanes, cyclic, <5% n-hexane			20 - <25 %
	926-605-8			
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411			
106-97-8	butane			15 - <20 %
	203-448-7		01-2119474691-32	
	Flam. Gas 1A, Compressed gas; H220 H280			
74-98-6	Propane			5 - <10 %
	200-827-9		01-2119486944-21	
	Flam. Gas 1A, Compressed gas; H220 H280			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			5 - <10 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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			
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	5 - <10 %	
	inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg			

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 3 of 11

Further Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

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

Provide sufficient air exchange and/or exhaust in work rooms.

Remove victim from exposure and then have him lie down in the recovery position. Take off all contaminated clothing immediately. If unconscious place in recovery position and seek medical advice. When unconscious, do not administer anything through the mouth.

After inhalation

In case of irregular breathing or respiratory arrest seek immediate medical assistance and initiate first aid measures. If irritated, seek medical attention.

Provide sufficient air exchange and/or exhaust in work rooms.

After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

If easy to do, remove contact lens, if worn. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

After ingestion

Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the victim is conscious).

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

Symptoms of poisoning may develop several hours following exposure. Victim should be under medical observation for at least 48 hours after exposure.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO₂), Foam, Dry powder**Unsuitable extinguishing media**

High volume water jet

5.2. Special hazards arising from the substance or mixtureHazardous combustion products: Carbon monoxide, Carbon dioxide (CO₂).

Vapours may form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

In the event of fire, wear self-contained breathing apparatus. Protective suit

Additional information

Suppress (knock down) gases/vapours/mists with a water spray jet.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

Keep away from unprotected people. Keep upwind. Avoid contact with skin, eyes and clothing. Do not inhale

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 4 of 11

aerosol.

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

If the product contaminates rivers and lakes or drains inform respective authorities. Do not flush into surface water or sanitary sewer system. Retain and dispose of contaminated wash water.

6.3. Methods and material for containment and cleaning up**For containment**

Cover the sewers.

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.

6.4. Reference to other sections

Reference to other sections 7, 8, 13

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

Use only in well-ventilated areas. Keep away from heat and sources of ignition. Do not smoke.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking. Take precautionary measures against static discharges.

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

Advice on general occupational hygiene

Wear personal protective equipment.

Keep away from food, drink and animal feedingstuffs.

Take off all contaminated clothing immediately.

Avoid contact with skin and eyes.

Wash hands before breaks and at the end of workday.

Do not breathe vapours or spray mist.

When using, do not eat, drink or smoke.

Handle in accordance with good industrial hygiene and safety practice.

Further information on handling

Handle in accordance with good industrial hygiene and safety practice.

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

Keep tightly closed in a dry and cool place.

Keep away from heat and sources of ignition.

Store in accordance with the particular national regulations.

Hints on joint storage

Do not store together with: Oxidizing agents, Pyrophoric solids, Pyrophoric liquids

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Pressurized container: Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

7.3. Specific end use(s)

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 5 of 11

Cleaning agent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****DNEL/DMEL values**

CAS No	Name of agent	Exposure route	Effect	Value
DNEL type	Hydrocarbons, C6-C7, iso-alkanes, cyclic, <5% n-hexane			
Worker DNEL, long-term		dermal	systemic	13964 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	5306 mg/m ³
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m ³
Worker DNEL, long-term		inhalation	systemic	500 mg/m ³

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls**Appropriate engineering controls**

General ventilation

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

Tightly fitting safety goggles

Hand protection

Solvent-resistant gloves (butyl-rubber); Layer thickness: 0,3mm

Protective nitrile gloves; Layer thickness: 0,4mm

Break through time: 60 minutes

Wear suitable protective gloves. Check for leaks / impermeability before use. It is recommended to clarify the chemical resistance of the above-mentioned protective gloves for special applications with the glove manufacturer.

Skin protection

Protective suit

Respiratory protection

Ensure adequate ventilation, especially in confined areas.

If inhalation exposure above the workplace exposure limit can not be excluded, appropriate respiratory protective equipment should be used. Suitable respiratory protection: Respirator with full face mask, in accordance with recognized standards such as EN 136. Recommended filter type: Combination filter ABEK-P2 (certain inorganic, organic and acid gases and vapors, ammonia / amines, particles), according to recognized standards such as EN 14387. Wear appropriate respiratory protective equipment and protective clothing when exposed to spray or aerosol. Suitable respiratory protection: Self-contained breathing apparatus, according to recognized standards such as EN 137. In case of long or strong exposure, use breathing apparatus. Suitable respiratory protection: Self-contained breathing apparatus, according to recognized standards such as EN 137. The wearing time limit for respiratory protection as well as instructions of the device manufacturer are to be observed.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 6 of 11

Thermal hazards

- Do not heat the product.
- Under fire conditions: Flame-resistant clothing
- Low temperature resistant gloves: not required

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

Physical state:	aerosol
Colour:	colourless
Odour:	characteristic
Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	< -20 °C
Flammability:	Flammable aerosol according to GHS criteria
Lower explosion limits:	0,6 vol. %
Upper explosion limits:	24,7 vol. %
Flash point:	< -20 °C
Decomposition temperature:	not determined
pH-Value:	Not relevant
Viscosity / kinematic:	not applicable
Water solubility: (at 20 °C)	partly miscible
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	not determined
Density (at 20 °C):	0,7 g/cm ³
Particle characteristics:	not applicable

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

Sustaining combustion:	No data available
Self-ignition temperature Gas:	260 °C
Oxidizing properties no	

Other safety characteristics

Evaporation rate:	not determined
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SECTION 10: Stability and reactivity**10.1. Reactivity**

For incompatibilities: see "Conditions to avoid" and "Incompatible materials" below. The mixture contains reactive substance (s): Risk of ignition

10.2. Chemical stability

No decomposition if used as directed.

10.3. Possibility of hazardous reactions

See below "Conditions to avoid".

10.4. Conditions to avoid

Heat, flames and sparks. sunlight.

10.5. Incompatible materials

Oxidizing agents.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 7 of 11

10.6. Hazardous decomposition productsHazardous combustion products: Carbon monoxide, Carbon dioxide (CO₂)**Further information**

Stable under normal conditions.

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
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 mg/kg	5050	rat	
	dermal	LD50 mg/kg	12800	rabbit	
	inhalation (4 h) vapour	LC50	30 mg/l	rat	

Irritation and corrosivity

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

Sensitising effects

Is not classified as an inhalation or skin allergen.

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

Vapours may cause drowsiness and dizziness.

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.

Information on likely routes of exposure

Skin contact

Specific effects in experiment on an animal

This information is not available.

11.2. Information on other hazards**Endocrine disrupting properties**

Not applicable.

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

Harmful to aquatic organisms, with long-term effect.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 8 of 11

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
109-87-5	Dimethoxymethan					
	Acute fish toxicity	LC50 >1000 mg/l	96 h	Fish		
	Hydrocarbons, C6-C7, iso-alkanes, cyclic, <5% n-hexane					
	Acute fish toxicity	LC50 12 mg/l	96 h	Fish		
	Acute crustacea toxicity	EC50 17,06 mg/l	48 h	Invertebrates.		

12.2. Persistence and degradability

There are no test data for the complete mixture.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
	Hydrocarbons, C6-C7, iso-alkanes, cyclic, <5% n-hexane				
		83 %	10		
	Theoretical oxygen demand (ThOD)				

12.3. Bioaccumulative potential

There are no test data for the complete mixture.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
109-87-5	Dimethoxymethan	-0,19

BCF

CAS No	Chemical name	BCF	Species	Source
109-87-5	Dimethoxymethan	0,6		

12.4. Mobility in soil

No information available.

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.

Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

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 information available.

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

Do not empty into drains. Avoid release to the environment.

Dispose of waste according to applicable local, state, and federal regulations.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 9 of 11

Contaminated packaging

It is a hazardous waste; Only approved packaging (eg according to ADR) may be used become. Completely emptied packaging can be recycled. contaminated Packaging is to be treated like the substance.

Dispose of waste according to applicable local, state, and federal regulations.

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

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381,959
Limited quantity: 1000 mL
Excepted quantity: E0
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS, flammable
14.3. Transport hazard class(es): 2.1
14.4. Packing group: -
Hazard label: 2.1



Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
Passenger LQ: Y203
Excepted quantity: E0
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 10 of 11

IATA-max. quantity - Cargo:

150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Warning, Flammable gas

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 regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 29, Entry 40, Entry 75

2004/42/EC (VOC): 100%

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

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): 2,6,7,8,9,10,11,12,13,14,15,16.

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

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)

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGUNGSSPRAY

Revision date: 21.04.2023

Product code: 790901760

Page 11 of 11

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

Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
STOT SE 3; H336	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.
Moreover, national legislation has to be obeyed!
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.)