

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

EGO REINIGER SOFT

Revision date: 31.08.2023

Product code: 790902

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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: Cleaner
CAS No: 67-63-0
Index No: 603-117-00-0
EC No: 200-661-7

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

Cleaner, Solvents.

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**

Flam. Liq. 2; H225
Eye Irrit. 2; H319
STOT SE 3; H336

Full text of hazard statements: see SECTION 16.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger**Pictograms:****Hazard statements**

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243 Take action to prevent static discharges.

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P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P501	Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

Narcotic effects

Escaping vapors or spilled liquid can easily form ignitable mixtures at or above the flash point.

SECTION 3: Composition/information on ingredients**3.1. Substances****Chemical characterization**

Alcohol aliphatic

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			100 %
	200-661-7	603-117-00-0	01-2119457558-25	
	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	100 %
	inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg		

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

Take off immediately all contaminated clothing Take the injured person out of the danger area and lay him/her down. Provide fresh air.

After inhalation

Provide fresh air.

If breathing is irregular or stopped, administer artificial respiration. If victim is at risk of losing consciousness, position and transport on their side. If symptoms persist, call a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Rub in high-fat content cream. If skin becomes irritated, seek medical treatment.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth. Immediately give plenty of water (if possible charcoal slurry).

Do NOT induce vomiting.

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Consult physician.

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

The following symptoms can occur:

Headache. Dizziness. Nausea. Intoxication. Unconsciousness.

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

Causes depression of the central nervous system. Get information from a doctor or a poison center. Note: gastric lavage with protected airways, administration of activated charcoal.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water spray. Extinguishing powder. alcohol resistant foam. Carbon dioxide (CO₂).**Unsuitable extinguishing media**

High power water jet.

5.2. Special hazards arising from the substance or mixture

Fumes may form explosive mixtures with air.

In case of fire may form: Carbon monoxide. Carbon dioxide.

Vapors are heavier than air and can travel long distances to a source of ignition, which can cause flashback.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear full protective suit.

Additional information

In the event of fire, cool tanks with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

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

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Provide adequate ventilation.

Keep away from sources of ignition - No smoking. Do not breathe vapours or spray mist.

Avoid contact with skin and eyes.

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 empty into drains or the aquatic environment. Avoid subsoil penetration.

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

See also section 8, 13

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

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Advice on safe handling

Keep container tightly closed. Avoid contact with skin and eyes.
Provide for sufficient ventilation and punctiform suction at critical points. Maintain air concentrations below occupational exposure standards. Concentrated vapors are heavier than air.

Advice on protection against fire and explosion

Vapours may form explosive mixtures with air. Use only in an area containing explosion proof equipment.

Advice on general occupational hygiene

Take off immediately all contaminated clothing. Avoid contact with skin, eye and clothing. Do not breathe vapours or spray mist. Keep away from food, drink and animal feedingstuffs. 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

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

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

Keep in a cool, well-ventilated place. Keep in an area equipped with solvent resistant flooring.

Hints on joint storage

Keep away from: food, Alkalis (alkalis). Strong acids. Oxidizing agents.
Keep away from aerosols, flammable, oxidizable agents, corrosive and other flammable products.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep away from direct sunlight.

Explosion group (Germany) IIA
Temperature class T2

7.3. Specific end use(s)

Cleaning agent

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

CAS No	Name of agent	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m ³
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	500 mg/m ³

PNEC values

CAS No	Name of agent	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Environmental compartment		
Marine water		140,9 mg/l
Soil		28 mg/kg
Freshwater sediment		552 mg/kg
Marine sediment		552 mg/kg
Freshwater		140,9 mg/l

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Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

Hand protection

Solvent-resistant gloves: Nitrile rubber, butyl-rubber

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Protective suit

Respiratory protection

Use with adequate ventilation. No personal respiratory protective equipment normally required.

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn. respirator with A filter

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:	liquid
Colour:	colourless
Odour:	alcohol-like

	Test method
Melting point/freezing point:	- 88 °C
Boiling point or initial boiling point and boiling range:	82-83 °C ASTM D 1078
Lower explosion limits:	2 vol. %
Upper explosion limits:	13 vol. %
Flash point:	12 °C ASTM D 56
Auto-ignition temperature:	425 °C ASTM E 659
pH-Value:	not defined
Water solubility:	complete miscible
Vapour pressure: (at 20 °C)	42,6 hPa
Vapour pressure: (at 50 °C)	229 hPa
Density (at 20 °C):	0,78 g/cm ³
Particle characteristics:	not applicable

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

The product is: not Explosive. Fumes may form explosive mixtures with air.

Other safety characteristics

Solvent content: 100%

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Viscosity / dynamic:
(at 20 °C)

2,43 mPa·s

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

See also section 10.3

10.2. Chemical stability

Stable at normal ambient temperature and pressure.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixtures with air.

Reactions with acids, alkalis and oxidants

10.4. Conditions to avoid

Heat, flames and sparks. Take precautionary measures against static discharges.

10.5. Incompatible materials

Strong acids and oxidizing agents, Alkalis (alkalis).

Aluminium, Iron, amines, Alkali metals

10.6. Hazardous decomposition products

No decomposition if used as directed.

Thermal decomposition - Formation of: Carbon monoxide, Carbon dioxide.

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

Has de-greasing effect on the skin. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. Liver injury may occur. Risk of product entering the lungs on vomiting after ingestion.

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

Prolonged/repetitive skin contact may cause skin defatting or dermatitis. May cause eye irritation.

Sensitising effects

None known.

Carcinogenic/mutagenic/toxic effects for reproduction

None known.

STOT-single exposure

May cause drowsiness and dizziness.

STOT-repeated exposure

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

Information on likely routes of exposure

Skin contact

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Additional information on tests

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Vapours may cause drowsiness and dizziness.

SECTION 12: Ecological information**12.2. Persistence and degradability**

Easily biodegradable (concerning to the criteria of the OECD)

12.3. Bioaccumulative potential

Product is probably not bioaccumulating.

12.4. Mobility in soil

Once the product has penetrated the soil, some components remain mobile and can damage the groundwater.

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No information available.

Further information

Do not flush into surface water or sanitary sewer system.

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

Dispose of waste according to applicable local, state, and federal regulations.
Do not let product enter drains.

List of Wastes Code - residues/unused products

070104 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals; other organic solvents, washing liquids and mother liquors; hazardous waste

Contaminated packaging

Completely emptied packings can be re-cycled.

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

14.1. UN number or ID number:	UN 1219
14.2. UN proper shipping name:	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Classification code:	F1
Special Provisions:	601
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

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Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1219
14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Classification code: F1
 Special Provisions: 601
 Limited quantity: 1 L
 Excepted quantity: E2

Marine transport (IMDG)

14.1. UN number or ID number: UN 1219
14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Marine pollutant: no
 Special Provisions: -
 Limited quantity: 1 L
 EmS: F-E, S-D

Other applicable information (marine transport)
 E2

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1219
14.2. UN proper shipping name: ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
 Hazard label: 3



Special Provisions: A180
 Limited quantity Passenger: 1 L
 Passenger LQ: Y341
 Excepted quantity: E2
 IATA-packing instructions - Passenger: 353
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 364
 IATA-max. quantity - Cargo: 60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

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EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, 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

Additional information

Please see EC-directiv: M 017 "solvent" .

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 5,9.

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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)
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
Flam. Liq: Flammable liquid
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

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.