

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Printing date 30.07.2026

V 21 (replaces version 20)

Revision: 30.07.2026

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

1.1 Product identifier

Trade name: **Boley IPA**

Article number: 508038, 508039

CAS Number:

67-63-0

EC number:

200-661-7

Index number:

603-117-00-0

Registration number 01-2119457558-25

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

1.2.1 Relevant identified uses

Application of the substance / the mixture Solvent

1.2.2 Uses advised against Applications not listed above are not recommended as they are considered unidentified.

1.3 Details of the supplier of the safety data sheet

Manufacturer:

Gebr. Boley GmbH & Co. KG

Julius-Hölder-Str. 2

D - 70597 Stuttgart

Telefon: +49-(0) 711 132 71-0

Fax: +49-(0) 711 132 71-90

Informing department: Technical customer service

1.4 Emergency telephone number:

In case of "poisoning" of any kind

Giftnotruf Berlin (24 h - emergency call): Phone: +49 30 30686 790

Poison Information Centre (VIZ) of Gesundheit Österreich GmbH: Phone: +43 1 406 43 43

Belgium Poison Control Centre: +32 70 245 245

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Additional information: The full text of the classification and labelling elements mentioned is given in Section 16.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02

GHS07

Signal word Danger

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.

P261 Avoid breathing mist/vapours/spray.

P280 Wear eye protection / face 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.

P312 Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:

The product does not contain any substance at 0.1% or more by weight that is considered persistent, bioaccumulative and toxic.

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vPvB:

The product does not contain any substance at 0.1% or more by weight that is considered very persistent and very bioaccumulative.

SECTION 3: Composition/information on ingredients**3.1 Substances****CAS No. Designation:**

67-63-0 Isopropanol

Identification number(s):**EC number:** 200-661-7**Index number:** 603-117-00-0**SVHC**

The product does not contain substances of very high concern (REACH Regulation (EC) No 1907/2006, Article 57) in concentrations of 0.1% or more.

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

Personal protection for the First Aider.

Take affected persons into the open air.

After inhalation

Supply fresh air.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

If skin irritation continues, consult a doctor.

Rinse with water and soap directly.

After eye contact Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.**After swallowing**

Rinse mouth thoroughly with water.

Do not induce vomiting, give plenty of water to drink, seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents** CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.**5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

Can form explosive gas-air mixtures.

5.3 Advice for firefighters**Protective equipment:**

Wear self-contained breathing apparatus.

Wear full protective suit.

Additional information

Collect contaminated fire fighting water separately. It must not enter drains.

Cool endangered containers with water spray jet.

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

Ensure adequate ventilation

Keep away from ignition sources

Use breathing protection against the effects of fumes/dust/aerosol.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to enter the ground/soil.

Prevent material from reaching sewage system, holes and cellars.

If leakage can no longer be prevented, dilute with plenty of water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Store in cool, dry place in tightly closed containers.

Use only in well ventilated areas.

Information about protection against explosions and fires:

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers: Provide solvent resistant, sealed floor.

Information about storage in one common storage facility: Store away from oxidising agents.

Further information about storage conditions: Protect from heat and direct sunlight.

Storage class 3
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

67-63-0 Isopropanol

AGW (Germany) Long-term value: 500 mg/m³, 200 ppm
2(II);DFG, Y

DNELs

Oral	short-term exposure - systemic effects	51 mg/kg bw/day (consumer)
	long-term exposure - systemic effects	26 mg/kg bw/day (consumer)
Dermal	long-term exposure - systemic effects	319 mg/kg bw/day (worker)
		888 mg/kg bw/day (worker)
Inhalative	long-term exposure - systemic effects	89 mg/m ³ (consumer)
		500 mg/m ³ (worker)

Ingredients with biological limit values:

67-63-0 Isopropanol

BGW (Germany)	25 mg/l Untersuchungsmaterial: Vollblut Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton
	25 mg/l Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende Parameter: Aceton

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and food.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes and skin.

Do not eat, drink or smoke while working.

Breathing equipment: Not required for good room ventilation and / or suitable extraction.

Hand protection

Solvent resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves Safety Gloves of Nitril (EN 374)

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not suitable are gloves made of the following materials: Leather gloves

Eye/face protection Tightly sealed safety glasses.

Body protection: flame-retardant, antistatic protective clothing

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Colour:	Clear
Odour:	Alcohol-like
Odour threshold:	Not determined
Melting point/freezing point:	-89 °C
Boiling point or initial boiling point and boiling range	82-83 °C
Flammability	Not applicable
Lower and upper explosion limit	
Lower:	2 Vol %
Upper:	12 Vol %
Flash point:	12 °C (PM)
Auto-ignition temperature:	399-456 °C
Decomposition temperature:	Not determined
pH	Not determined
Viscosity:	
Kinematic viscosity	Not determined
dynamic at 20 °C:	0.94 mPas
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure at 20 °C:	48 hPa
Density and/or relative density	
Density at 20 °C	0.8 g/cm³ (DIN 51757)
Relative density	Not determined
Vapour density	Not determined

9.2 Other information

Appearance:	
Form:	Fluid
Self-flammability:	Not determined
Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Molecular weight	60.1 g/mol
Evaporation rate	Not determined
Information with regard to physical hazard classes	Void
Flammable liquids	Highly flammable liquid and vapour.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if stored, handled and used as directed.

10.3 Possibility of hazardous reactions Reacts with oxidizing agents

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products 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.

LD/LC50 values that are relevant for classification:

Oral	LD50	5,840 mg/kg (rat)
Dermal	LD50	13,400 mg/kg (rabbit)
Inhalative	LC50/4h	47.5 mg/l (rat)
	LC50/4 h	>20 mg/m³ (rat)

Specific symptoms in biological assay:

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

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.

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STOT-single exposure

May cause drowsiness or 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.

11.2 Information on other hazards

Endocrine disrupting properties Substance is not listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

LC50/96 h 9,640 mg/l (Pimephales promelas)

LC50/24h >10,000 mg/l (Daphnia Magna)

EC50/48h 13,299 mg/l (Daphnia Magna)

12.2 Persistence and degradability No further relevant information available.

Other information: Isopropylalkohol ist biol. sehr gut abbaubar.

12.3 Bioaccumulative potential

OECD 117 Log Kow 0.05

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:
CSB-value:

Remark:

OECD 301 E 99.9 %

General notes:

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

20 00 00 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

20 01 00 separately collected fractions (except 15 01)

20 01 13* solvents

Uncleaned packagings:

Recommendation:

Packaging can be reused or recycled after cleaning.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

Recommended cleaning agent: Clean with water

SECTION 14: Transport information

14.1 UN number or ID number

ADR, IMDG, IATA

UN1219

14.2 UN proper shipping name

ADR

1219 ISOPROPANOL (ISOPROPYL ALCOHOL)

IMDG, IATA

ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3 Transport hazard class(es)

ADR

Class

3 (F1) Flammable liquids.

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Label

3

IMDG, IATA



Class	3 Flammable liquids.
Label	3
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
Kemler Number:	33
EMS Number:	F-E,S-D
Stowage Category	B
14.7 Maritime transport in bulk according to IMO instruments	Not applicable

Transport/Additional information:

ADR

Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	D/E

IMDG

Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1219 ISOPROPANOL (ISOPROPYL ALCOHOL), 3, II

* SECTION 15: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008 The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07

Signal word Danger

Hazard statements

H225 Highly flammable liquid and vapour.
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Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing mist/vapours/spray.
P280 Wear eye protection / face 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.
P312 Call a POISON CENTER/doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40, 75

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DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

Substance is not listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

Substance is not listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS Substance is not listed.

Regulation (EC) No 273/2004 on drug precursors Substance is not listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

Substance is not listed.

National regulations

Decree to be applied in case of technical fault:

Class	Share in %
NK	50-100

Water hazard class: Water hazard class 1 (Assessment by list): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing data specification sheet: Technical Customer Service / Regulatory Affairs

Contact:

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Date of previous version: 07.11.2023

Version number of previous version: 20

Abbreviations and acronyms:

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* **Data compared to the previous version altered.**