

Safety data sheet

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

Printing date 22.08.2025

Version number 207.09 (replaces version 207.08)

Revision: 21.08.2025

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

1.1 Product identifier

Trade name Isopropylalkohol**Other trade names:****Article number:** 1000452600001**CAS Number:**

67-63-0

EC number:

200-661-7

Index number:

603-117-00-0

REACH-Registration number 01-2119457558-25

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

Restrictions on use:

Restrictions on use according to REGULATION (EC) No 1907/2006 ANNEX XVII apply to this product (see section 15).

Application of the substance / the mixture Solvents

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

STOCKMEIER Chemie GmbH & Co.KG, Am Stadtholz 37, DE - 33609 Bielefeld

Tel.: +49 521 / 30 37-0, ehs-bielefeld@stockmeier.de

STOCKMEIER Fluids GmbH & Co. KG, Sanssouci 12, DE – 58802 Balve

Tel.: +49 2375 917 310, fluids@stockmeier.com

BASSERMANN Minerals GmbH & Co. KG, Rudolf-Diesel-Straße 42, DE – 68169 Mannheim

Tel.: +49 621 15 01 0, verkauf@bassermann.de

STOCKMEIER CHEMIA Sp. z o. o., ul. Obornicka 277, PL - 60-691 Poznań

Tel.: +48 61 666 10 66, zamowienia@stockmeier.pl

STOCKMEIER QUIMICA, S.L.U., Avda. del Baix Llobregat, 3- 5, ES – 08970 Sant Joan Despí (Barcelona)

Tel.: +34 93 506 91 83, tecnico-calidad@stockmeier.es

STOCKMEIER NETHERLANDS B.V., Ridderpoort 5, NL - 2984 BG Ridderkerk

Tel.: +31 180 41 5988, info@stockmeier.nl

WigaChem GmbH - Brown-Boveri-Straße 6/1/22 - AT- 2351 Wiener Neudorf

Tel. 00432236/623-40, office@wigachem.at

KEMTAN AG, Seewenweg 6, CH – 4153 Reinach

Tel.: +41 61 711 20 20, info@kemtan.ch

STOCKMEIER CHEMICALS BELUX SA/NV, Rue de la Station 17, BE – 1300 Limal

Tel.: +32 10 421-320, info@stockmeierchemicalsbelux.com

HDS – Chemie Handels GES.M.B.H., Bauernmarkt 24, AT - 1010 Wien

Tel.: +43 15 32 0 999, office@hds-chemie.at

www.stockmeier.com

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Trade name Isopropylalkohol

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Informing department:

Product safety department. Tel.: 0049 / 521 / 3037-381

E-mail: ehs-bielefeld@stockmeier.de

1.4 Emergency telephone number:

This is an English-language document designed for the European region. For the emergency number and other country-specific data, please refer to the specific national versions of this safety data sheet.

Counselling Centre for Poisoning, Mainz

Tel. (+49) 61 31 / 19 240.

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.

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.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Additional information:

According to the current state of knowledge, no synthetic polymer microparticles > 0.01% are contained.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**Determination of endocrine-disrupting properties** Not applicable.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Aliphatischer Alkohol

Isopropanol (Propan-2-ol, Isopropylalkohol) i-C₃H₇OH**CAS No. Designation:**

67-63-0 propan-2-ol

Identification no(s):**EC number:** 200-661-7**Index number:** 603-117-00-0**SVHC**

This preparation does not contain any substances of very high concern (SVHC) in a concentration of ≥ 0.1 % according to Regulation (EC) 1907/2006, Article 57.

* SECTION 4: First aid measures

4.1 Description of first aid measures

General advice:

Take affected persons into the open air.

Instantly remove any clothing soiled by the product.

If unconscious, position and transport in stable lateral position.

In case of persistent symptoms receive medical treatment.

After inhalation Supply fresh air; consult doctor in case of symptoms.**After skin contact**

Remove contaminated clothing immediately. Wash affected areas with plenty of water und soap. If irritation continues, contact a doctor.

After eye contact

Rinse immediately opened eye for several minutes under running water. Then consult doctor.

After swallowing Rinse out mouth and then drink plenty of water.**Information for doctor**

Therapy, such as in acute ethanol intoxication. Risk of respiratory paralysis.

Monitor liver and kidney functions. Gastric lavage. If unconscious, gastric lavage without intubation.

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 agentsCO₂, 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 form explosive gas-air mixtures. In case of incomplete combustion carbon monoxide can arise.

Fumes are heavier than air and distributed over ground. Inflammation is possible from a far distance.

5.3 Advice for firefighters**Protective equipment:** Wear self-contained breathing apparatus.**Additional information** Cool endangered containers in the vicinity with a water spray jet.

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* SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Put on protective equipment and keep unprotected persons away.
Extinguish naked flames. Remove flammable sources. No smoking. Avoid sparks. Avoid contact with skin, eyes and clothing. Avoid inhalation of fumes. Air contaminated rooms thoroughly. Protect against electrostatic sparks.

6.2 Environmental precautions:

Prevent material from reaching sewage system, holes and cellars.
Do not allow to enter drainage system, surface or ground water.
In case of release of larger quantities, inform competent authorities.

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.

Dispose of contaminated material as waste according to point 13.

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.
Danger of explosion
Danger of burning is possible

* SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Avoid repeated or long term skin contact.
Keep containers tightly sealed.
Store in cool, dry place in tightly closed containers.
Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.

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.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Protect against direct sunlight, other sources of heat and ignition.
Store in cool, dry conditions in well sealed containers.

Requirements to be met by storerooms and containers:

Observe laws and regulations on the storage and use of substances hazardous to water.
Suitable material for containers and conduit: steel or stainless steel.
Unsuitable materials: most plastics, aluminum, neoprene rubber.
Store in cool location.

Information about storage in one common storage facility:

Keep away from oxidizing agents and strong acids or alkali.
Pay attention to regulations / technical guidelines on mixed storage of toxic substances
Store away from foodstuffs.
According to guidelines of the VbF, flammable liquids should not be stored together.

Further information about storage conditions:

Keep container tightly sealed.
Store in cool, dry conditions in well sealed containers.
Observe regulations / technical rules for the storage of flammable liquids.

Recommended storage temperature: 5 - 25 °C

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Storage class 3 Flammable liquids (TRGS 510, Storage of dangerous substances in portable containers)
7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

67-63-0 propan-2-ol

AGW (Germany)	Long-term value: 500 mg/m ³ , 200 ppm 2(II);DFG, Y
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DNELs

Oral	DNEL (population)	51 mg/kg bw/day (Acute, systemic effects) 26 mg/kg bw/day (Long-term, systemic effects)
	Dermal	DNEL (worker) 888 mg/kg bw/day (Long-term, systemic effects) DNEL (population) 319 mg/kg bw/day (Long-term, systemic effects)
Inhalative	DNEL (worker)	1000 mg/m ³ (Acute, systemic effects) 500 mg/m ³ (Long-term, systemic effects)
	DNEL (population)	178 mg/m ³ (Acute, systemic effects) 89 mg/m ³ (Long-term, systemic effects)

Ingredients with biological limit values:

67-63-0 propan-2-ol

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

Room ventilation or extraction. Measures against electrostatic charging.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures

Keep away from food, beverages and fodder.

Instantly remove any soiled and impregnated garments.

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

Avoid contact with the eyes and skin.

Gases, fumes and aerosols should not be inhaled.

Breathing equipment:

Not necessary if room is well-ventilated.

Respiratory protection necessary at exposure limit excess, insufficient ventilation, insufficient exhaustion, prolonged exposure, handling of large amounts.

Respiratory protection in case of release of vapours/aerosols

Recommended filter device for short term use: Combination filter A-P1

Hand protection

Check the permeability prior to each renewed use of the glove.

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Protective gloves (EN 374).

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

Nitrile rubber (NBR), recommended material thickness: $\geq 0,35$ mm, breakthrough time: ≥ 480 min.Butyl rubber, recommended material thickness: $\geq 0,5$ mm, breakthrough time: ≥ 480 min.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

Change protective gloves if you notice signs of wear.

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

As protection from splashes gloves made of the following materials are suitable:

Chloroprene rubber, CR, recommended thickness of the material: $\geq 0,5$ mm, penetration time: ≥ 240 min.

Not suitable are gloves made of the following materials:

PVC gloves

Natural rubber (latex)

Eye/face protection Tightly sealed safety glasses.

Body protection:

Standard protective work clothing. Chemical-resistant safety shoes or boots. If skin contact may occur, wear protective clothing impermeable to this substance.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Liquid

Colour:

Colourless

Smell:

Alcohol-like

Odour threshold:

Not determined

Melting point/freezing point:

-89,5 °C

Boiling point or initial boiling point and boiling range

82 °C (ASTM D 1078)

Flammability

Highly flammable.

Lower and upper explosion limit

Lower:

2 Vol %

Upper:

12 Vol %

Flash point:

12 °C (DIN 51758)

Auto-ignition temperature:

425 °C (DIN 51794)

Decomposition temperature:

Not determined

pH

Not determined.

pH-value:

Viscosity:

Kinematic viscosity

Not determined

dynamic at 20 °C:

2,43 mPas (DIN 53015)

Not determined.

Solubility

Water at 20 °C:

1.000 g/l

Partition coefficient n-octanol/water (log value)

0,0500006

Vapour pressure at 20 °C:

48 hPa

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Vapour pressure at 50 °C:	229 hPa
Density and/or relative density	
Density at 20 °C	0,785 g/cm ³ (DIN 51757)
Relative density	Not determined
Vapour density	Not determined
9.2 Other information	Verdunstungszahl (2-Propanol): 1,2 (n-Butylacetat = 1)
Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Self-inflammability:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Molecular weight	60 g/mol
Softening point/range	
Oxidising properties	No oxidizing properties
Evaporation rate	Not determined
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Highly flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

* SECTION 10: Stability and reactivity

10.1 Reactivity see section 10.3

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

Keep away from sources of ignition

Can be distilled without decomposing at normal pressure

10.3 Possibility of hazardous reactions

Formation of explosive steam/air mixture likely.

Reacts with strong oxidizing agents

Reacts with strong acids

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10.4 Conditions to avoid To avoid: warmth, flames, sparks

10.5 Incompatible materials:

Alkalis (lyes)
strong oxidising agents
Strong acids

10.6 Hazardous decomposition products:

Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

Formation of carbon monoxide and carbon dioxide in case of fire.

* 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	5840 mg/kg (rat) (OECD 401)
Dermal	LD50	16400 mg/kg (rabbit) (OECD 402)
		13900 mg/kg (rat) (OECD 402)
Inhalative	LC 50 / 4 h	>10000 mg/l (rat) (OECD 403)

Primary irritant effect:

Skin corrosion/irritation

Prolonged or repeated exposure may cause skin irritation.
Based on available data, the classification criteria are not met.

Serious eye damage/irritation Causes severe 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.

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.

Germ cell mutagenicity: Ames test: Negative

STOT-repeated exposure:

Oral	NOAEL	900 mg/kg (rat) ((90d) OECD 408)
	NOAEL	853 mg/kg bw/day /90d (rat)

Additional toxicological information: irritant

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

no CMR effects available in according to present state of knowledge

11.2 Information on other hazards

Endocrine disrupting properties Substance is not listed.

* SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

LC 50 / 96 h	>10000 mg/l (Pimephales promelas) (OECD 203 (Acute toxicity - fish))
LC 50 / 48 h	>100 mg/l (Leuciscus idus)
EC 50 / 48 h	>100 mg/l (Daphnia magna)

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SECTION 14: Transport information

14.1 UN number or ID number ADR/RID, IMDG, IATA	UN1219
14.2 UN proper shipping name ADR/RID IMDG, IATA	1219 ISOPROPANOL (ISOPROPYL ALCOHOL) ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3 Transport hazard class(es) ADR/RID Class Label	3 (F1) Flammable liquids. 3
IMDG, IATA Class Label	3 Flammable liquids. 3
14.4 Packing group ADR/RID, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant:	no
14.6 Special precautions for user Kemler Number: EMS Number: Stowage Category	Warning: Flammable liquids. 33 F-E,S-D B
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
Transport/Additional information:	
ADR/RID Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG Limited quantities (LQ) Excepted quantities (EQ)	1L Código E4 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.

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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.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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.

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

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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**LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (ANNEX XIV)** Substance is not listed.**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 40, 75**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**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**Information about limitation of use:**

Employment restrictions concerning young persons must be observed.

VOC: 100%**Other regulations, limitations and prohibitive regulations****Substances of very high concern (SVHC) according to REACH, Article 57** Substance is not listed.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has 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.

This safety data sheet complies with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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Registration-Number

Training hints

Employees must be regularly trained in the safe handling of the products based on the information in the safety data sheet and the local conditions of the workplace. National regulations on the training of employees in the handling of hazardous substances must be observed.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing data specification sheet: See section 1.3: Responding area

Date of previous version: 18.07.2025

Version number of previous version: 207.08

Abbreviations and acronyms:

NOAEL: No Observed Adverse Effect Level

RPE: Respiratory Protective Equipment

RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

TRGS: Technische Regeln für Gefahrstoffe (Technical Rules for Dangerous Substances, BAuA, Germany)

DNEL: Derived No-Effect Level (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substance of Very High Concern

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

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.**