

Safety Data Sheet

IPA Sprit 99,9%

Version 2.0 Production Date: 2023.02.13



SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Trade name: IPA Sprit 99,9%

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

Product use: Solvent

1.3 Details of the supplier of the safety data sheet

Company: Polytech A/S
Industrivej 75
DK-6740 Bramming
Denmark
Phone: +45 7510 1026
Fax: +45 7510 1126

Contact: info@polytech.com

1.4 Emergency Telephone:

24-hours Bispebjerg Hospital poison line Phone. **+45 8212 1212**
Outside Denmark: Please call your local emergency services

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture to 1272/2008 CLP

Hazardous components

| Hazard class | Hazard category | Hazard statements |
|-------------------|-----------------|-------------------|
| Flammable liquids | Category 2 | H225 |
| Eye irritation | Category 2 | H319 |

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

Most important adverse effects:

| | |
|--|---|
| Human Health | Chronic exposure damages the brain and the central nervous system. Causes serious eye irritation. |
| Physical and chemical hazards | Flammable. Heating may produce combustible vapour which can form explosive mixture with air., To be stored as flammable liquid., The material can accumulate static charge and can therefore cause electrical ignition. |
| Potential environmental effects | According to available data, this product is not harmful to the environment. |

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2.2 Label element

Labeling according to Regulation (EC) NO 1271/2008

Hazard symbols



Signal word

Danger

Hazard statement

H225
H319

Highly flammable liquid and vapour
Causes serious eye irritation

Precautionary statements

Prevention

P264
P280
P233
P210

Wash skin thoroughly after handling
Wear protective gloves/ eye protection/ face protection
Keep container tightly closed
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response

P337 + P313

If eye irritation persists: Get medical advice/ attention

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixtures

| Hazardous components | | Amount [%] | Classification (Regulation (EC) No 1272/2008) | |
|----------------------|-----------------------|------------|---|------------------|
| | | | Hazard class/Hazard category | Hazard statement |
| Ethanol | | | | |
| Index-No: | 603-002-00-5 | >=85 | Flam. Liq 2 | H225 |
| CAS-No: | 64-17-5 | | Eye Irrit. 2 | H319 |
| EC-No: | 200-578-6 | | | |
| EU REACH Reg. No. | 01-2119457610-43-xxxx | | | |
| Propan-2-ol | | | | |
| Index-No: | 603-117-00-0 | <=10 | Flam. Liq.2 | H225 |
| CAS-No: | 67-63-0 | | Eye Irrit.2 | H319 |
| EC-No: | 200-661-7 | | STOT SE3 | H336 |
| EU REACH Reg. No. | 01-2119457558-25-xxxx | | | |



SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

| | |
|---------------|--|
| Inhalation: | Move to fresh air. If symptoms occur, call a physician |
| Skin contact: | Take off all contaminated clothing immediately. Wash off with soap and water |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Remove contact lenses. If symptoms persist, call a physician |
| Ingestion: | Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Remove contact lenses. If symptoms persist, call a physician |

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing media

| | |
|----------------------------------|--|
| Sustainable extinguishing media: | Water spray, powder, Alcohol-resistant foam, Carbon dioxide (CO ₂) |
| Unsustainable extinguishing: | Water jet |

5.2 Special hazard arising from the substance mixture

Highly flammable, Vapours even below room temperatures can form explosive gas-air mixtures. Contaminated clothes are a fire risk

5.3 Advice from firefighters

Wear self-contained breathing apparatus and protective suit

Cool closed containers exposed to fire with water spray. Risk of closed containers bursting if strongly heated

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8

6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil. In case of large spillage contact the local authority.

6.3 Methods and material for containment and cleaning up

Stop the leakage if it can be done without danger. Remove all sources of ignition. Use personal protective equipment. No sparking tools should be used. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). The surface of the spill can be covered in order to reduce vaporization and thereby the fire hazard

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapour. Avoid contact with skin and eyes. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity

Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

Storage must follow the regulations for flammable liquids: Class I-2 (DK only). Unsuitable materials for containers: polyethylene; Polypropylene

Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Keep away from heat and sources of ignition. Use only in an area containing explosion proof equipment

7.3 Specific end use(s)

No smoking
Do not eat or drink when using

SECTION 8: EXPOSURE CONTROLS

8.1 Control parameters

Ethanol

CAS-No. 64-17-5

Denmark. Danish List of Organic Solvents, Danish Labor Inspectorate, Threshold Limit Values (TLV):

1.000 ppm, 1.900 mg/m³

Propan-2-ol

CAS-No.

Denmark. Danish List of Organic Solvents, Danish Labor Inspectorate, Threshold Limit Values (TLV):

200 ppm, 490 mg/m³

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8.2 Exposure controls

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Recommended Filter type:A.

Eye/face protection: Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection: Protective gloves
Material Nitrile rubber
Break through time 240 min
Gloved thickness 0,5 mm

SECTION 9: PSYICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | | | | |
|--|--|---------------------------------------|--|--|
| Appearance: Liquid | Color: Colourless | Odour: Alcohol-like | pH: no data | Viscosity: No data |
| Freezing point/range -112°C | Boiling point: 78°C | Freezing point - 112°C | Boiling point - 78°C | Water solubility: miscible |
| Flashpoint: 12°C | Auto-ignition temperature: 425°C | Vapour pressure hPa: 59 hPa | Density: 0,80 g/cm ³ (15°C) | Partition coefficient: Log Kow < 1 |
| Upper explosive limits: 15%(V) | Lower explosion limit: 2%(V) | | | |

9.2 Other informations

No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reaktivty: No information available

10.2 Chemical stability: No decomposition if stored and applied as directed

10.3 Possibility of hazardous reactions: No information available

10.4 Conditions to avoid: Heat, flames and sparks

10.5 Incompatible materiale: Strong oxidizing agents

10.6 Hazardous decomposition products:Unknown

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral Cause pain in mouth and throat, nausea, vomiting, dizziness, headache and risk of unconsciousness.

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| | |
|----------------------------|---|
| Inhalation | Vapours may cause irritation, headache, dizziness and may have narcotic effects and other central nervous effects |
| Skin irritation | Prolonged skin contact may cause skin irritation |
| Eye irritation | Causes serious eye irritation |
| Further information | Contains organic solvents. Harmful by inhalation. Chronic exposure damages the brain and the central nervous system |

SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|--|
| 12.1 Toxicity: | No data available |
| 12.2 Persistence and degradability | Expected to be readily biodegradable |
| 12.3 Bioaccumulative potential | Bioaccumulation is not expected |
| 12.4 Morbidity in soil | No data available |
| 12.5 Results of PBT and vPvB assesment | No data available |
| 12.6 Other adverse effects | The product is mobile in water environment |

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

| | |
|--|---|
| Product | Eliminate waste in conditions authorized by the regulations. Store waste in containers provided for this purpose. Do not dump in drains, water sheets or the ground. |
| Contaminated packaging | Packagings that cannot be cleaned are to be disposed of in the same manner as the product. |
| European Waste Catalogue Number | No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer |

**SECTION 14: TRANSPORT INFORMATION****14.1. UN number**

UN 1987

14.2. UN proper shipping name

| | |
|-------------|---|
| ADR | ALCOHOLS SOLUTION, N.O.S. (Ethanol, Isopropanol) Specila provision 640D |
| RID | ALCOHOLS SOLUTION, N.O.S. (Ethanol, Isopropanol) Specila provision 640D |
| IMDG | ALCOHOLS SOLUTION, N.O.S. (Ethanol, Isopropanol) |

14.3 Transport hazard class(es)

| | |
|--|------------------|
| ADR-Class | 3 |
| (Labels; Classification Code; Hazard identification No; Tunnel restriction code) | 3; F1; 33; (D/E) |
| RID-Class | 3 |
| (Labels; Classification Code; Hazard identification No) | 3; F1; 33 |
| IMDG-Class | 3 |
| (Labels; EmS) | 3; F-E, S-D |

14.4 Packaging group

| | |
|-------------|----|
| ADR | II |
| RID | II |
| IMDG | II |

14.5 Environmental hazards

| | |
|--|----|
| Environmentally hazardous according to ADR | no |
| Environmentally hazardous according to RID | no |
| Marine Pollutant according to IMDG-Code | no |

14.6 Special precautions for user

No applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

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IMGD No applicable

SECTION 15: REGULATORY INFORMATION

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

Other regulations Only persons, who are thoroughly instructed in the dangerous properties and the necessary safety precautions of the substance, are allowed to work with it.
Not to be sold or handed over to persons under 18 years of age.

SECTION 16: OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

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

SDS by: **Polytech A/S**
 www.polytech.com