

# Safety data sheet

## MIG Svejsevæske

Version 1.0

Effective date: 23-05-2023

# MIGATRONIC

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING

### 1.1 Product identifier.

**Trade name:** MIG Svejsevæske.

**UFI:** ODDH-H09Y-NJ7S-3CH7

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

**Product use:** Welding fluid

### 1.3 Details of the supplier of the safety data sheet:

**Company:** MIGATRONIC A/S  
Aggersundvej 33  
9690 Fjerritslev  
Denmark  
Phone +45 96 500 600 [www.migatronic.dk](http://www.migatronic.dk)

**Contact:** MJE@migatronic.dk

### 1.4 Emergency telephone number:

NHS: 111.  
Use your national or local emergency number.

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture to CLP No 1272/2008/GB CLP. Flam.

Liq. 3; H226, Eye Dam. 1; H318, Aquatic Chronic 3; H412.

### 2.2 Label elements CLP No 1272/2008/GB CLP.

#### Hazard pictograms:



#### Signal word:

Danger

**Contains:** Amides, C8-18 and C18-unsaturated, N,N-bis-(hydroxyethyl).

#### Hazard statements:

H226 Flammable liquid and vapour.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

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### Precautionary statements:

General:

P101 If medical advice is needed, have product container or label at hand. P102

Keep out of reach of children.

Prevention:

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/doctor.

Storage:

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

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

### Additional labelling:

-

### 2.3 Other hazards.

Contains no PBT or vPvB substances according to REACH No 1907/2006.

This mixture does not contain substances with endocrine disrupting properties in accordance with the criteria laid down in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance:

The product is a mixture.

### 3.2 Mixture:

CAS/EC No.	REACH No.	Name	Content %	Classification
64-17-5 / 200-578-6	01- 212006320663- xxxx	Ethanol*	15-25	Flam. Liq. 2, H225, Eye Irrit. 2, H319.
68155-07-7 / 931-329-6	No data	Amides, C8-18 and C18unsaturated, N,N- bis(hydroxyethyl)	5-10	Skin Irrit. 2, H315, Eye Dam. 1, H318, Aquatic Chronic 2, H411.

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67-63-0 / 200-661-7	No data	Propan-2-ol	1-3	Flam. Liq. 2; H225, Eye Irrit. 2; H319, STOT SE 3; H336.
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\*Specific concentration limits – CAS 64-17-5 Ethanol:  
≥50 % - Eye Irrit. 2, H319.

See full text of H-phrases in section 16. Occupational limits are listed in section 8 if these are available.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures:

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor, if in doubt about the injured person's condition or if the symptoms continue. Never give an unconscious person water or similar.

#### Inhalation:

In case of breathing difficulties or other irritation of the respiratory tract: Bring the person to fresh air and keep the person under supervision.

#### Skin contact:

In case of irritation: Wash off the product. If irritation persists: consult a doctor.

#### Eye contact:

Remove contact lenses. Flush eyes with water (20-30°C) for at least 30 minutes. Make sure you flush under the upper and lower eyelids. Get immediate medical advice/attention. Continue rinsing.

#### Ingestion:

Give the person plenty to drink and stay with the person. If the person feels unwell, contact a doctor immediately and take this safety data sheet or the label from the product with you. Do not induce vomiting unless recommended by the doctor. Hold head facing down so that no vomit runs back into the mouth and throat.

### 4.2 Most important symptoms and effects, both acute and delayed:

Causes serious eye damage.

### 4.3 Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

### 5.1 Extinguishing media:

Recommended: alcohol-resistant foam, carbonic acid, powder, water mist. Do not use water stream, as it may spread the fire.

### 5.2 Special hazards arising from the substance or mixture:

If the product is exposed to high temperatures, as in the case of fire,

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dangerous catabolic substances are produced. These are: Carbon oxides (CO / CO<sub>2</sub>).

**5.3 Advice for firefighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

See section 8 for recommendations on the use of personal protective equipment. Stores that have not ignited must be cooled by water mist. Where possible, remove flammable materials. Make sure there is sufficient ventilation.

### 6.2 Environmental precautions:

Prevent spillage from entering drains and/or surface water.

### 6.3 Methods and material for containment and cleaning up:

Use sand, soil, cat litter, or universal binder to collect non-combustible absorbent materials and collect in a container for disposal in accordance with applicable regulations.

### 6.4 Reference to other sections:

See section 8 for personal protection.  
See section 13 for disposal.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

See section 8 for recommendations on the use of personal protective equipment. Avoid direct contact with the product. Ground and bond container and receiving equipment. Use explosion-proof [electrical/ventilating/lighting] equipment. Use non-sparking tools. Take action to prevent static discharges. Avoid release to the environment. Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Store in tightly closed containers and store protected from moisture and light. Take action to prevent static discharges. Store dry and cool in a well-ventilated area away from possible ignition sources. Indicate the expiry date on the container when opening and test with regular checks for peroxide content. Do not exceed specified storage times. Store according to national regulations for flammable products. Always store in containers of the same material as the original container. Materials to avoid: Strong acids, strong bases, strong oxidizing agents and strong reducing agents.

### 7.3 Specific end use(s):

See section 1.2

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

Occupational exposure limits EH40:

CAS No:	Name:	Limits:	Remarks:
67-63-0	Propan-2-ol	Short-term value: 500 ppm, 1250 mg/m <sup>3</sup> Long-term value: 400 ppm, 999 mg/m <sup>3</sup>	-
64-17-5	Ethanol	Long-term value: 1000 ppm, 1920 mg/m <sup>3</sup>	-

DNEL / PNEC:

-

### 8.2 Exposure controls.

#### Appropriate technical measures:

Airborne concentrations must be kept as low as possible. Use for example an exhaust system if the normal air flow in the work room is not sufficient.

#### General information:

Smoking, consumption of food or liquid, and storage of tobacco, food or liquid, are not allowed in the workroom. Always wash hands, forearms and face. Provide eyewash station.

#### Personal protective equipment:

Only CE-marked personal protection equipment should be used.

#### Respiratory protection:

Normally not necessary.

#### Hand protection:

Wear gloves. EN 374.  
Type of material and thickness:  
Nitrilrubber >0.3 mm.  
Penetration time: ≥60 min.

#### Eye protection:

Wear safety glasses. EN 166.

#### Body protection:

Normal working clothes.

#### Measures to avoid environmental exposure:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

Physical state:	Colourless
Colour:	Odourless
Odour:	Not relevant/no data
Melting point/freezing point:	Not relevant/no data
Boiling point:	Flammable liquid and vapour.
Flammability:	Not relevant/no data
Lower and upper explosion limit:	44°C
Flash point:	Not relevant/no data
Auto-ignition temperature:	Not relevant/no data
Decomposition temperature:	8
pH:	Not relevant/no data
Kinematic viscosity:	Soluble in water
Solubility:	Not relevant/no data
Partition coefficient n-octanol/water:	Not relevant/no data
Vapour pressure:	~0.97 g/cm <sup>3</sup>
Density and/or relative density:	Not relevant/n
Relative vapour density:	o data Not relevant/n
Particle characteristics:	o data

### 9.2 Other information: No data.

Liquid

## SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** None under normal conditions of use.
- 10.2 Chemical stability:** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** None under normal conditions.
- 10.4 Conditions to avoid:** Avoid all sources of ignition and keep away from heat, sparks and direct sunlight.
- 10.5 Incompatible materials:** Strong acids, strong bases, strong oxidizing agents and strong reducing agents.
- 10.6 Hazardous decomposition products:** The product is not degraded when used as specified in section 1.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008/GB CLP.

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### Acute toxicity:

Not classified.

Ethanol:

Oral – LD50 – Rat: 10470 mg/kg

Dermal – LD50 – Rabbit: >17100 mg/kg

Inhalation – LC50 – Rat: 124.7 mg/L

Propan-2-ol:

Oral – LD50 – Rat: 5840 mg/kg

Dermal – LD50 – Rabbit: >2000 mg/kg

Inhalation – LC50 – Rat: 66.1 mg/L

Amides, C8-18 and C18-unsaturated, N,N-bis-(hydroxyethyl):

Oral – LD50 – Rat: >5000 mg/kg

Dermal – LD50 – Rabbit: >2000 mg/kg

### Skin corrosion/irritation:

Not classified

### Serious eye damage/irritation:

Causes serious eye damage.

### Respiratory or skin sensitization:

Not classified.

### Germ cell mutagenicity:

Not classified.

### Carcinogenicity:

Not classified.

### Reproductive toxicity:

Not classified

### Specific target organ toxicity - single exposure:

Not classified.

### Specific target organ toxicity – repeated exposure:

Not classified.

### Aspiration hazard:

Not classified.

### 11.2 Information on other hazards:

#### Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

#### Other information:

No other relevant information.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Harmful to aquatic life with long lasting effects.

Ethanol:

Fish – LC50 – 96 h.: 1100 mg/L

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Daphnia – LC50 – 48 h.: 9268 - 14221 mg/L

Algae – NOEC – 7 d.: 5000 mg/L

Propan-2-ol:

Fish – LC50 – 96 h.: 8970 – 9280 mg/L

Daphnia – LC50 – 24 h.: 9714 mg/L

Amides, C8-18 and C18-unsaturated, N,N-bis-(hydroxyethyl):

Fish – LC50 – 96 h.: 1 - 5 mg/L

Daphnia – LC50 – 72 h.: 5 - 15 mg/L Algae

– EC50 – 48 h.: 1 - 5 mg/L

## 12.2 Persistence and degradability:

No data available.

## 12.3 Bioaccumulative potential:

No data available.

## 12.4 Mobility in soil:

No data available.

## 12.5 Result of PBT and vPvB assessment:

Contains no PBT or vPvB substances according to REACH No 1907/2006.

## 12.6 Endocrine disrupting properties:

The product/substance has no endocrine disrupting properties.

## 12.7 Other adverse effects:

None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

This product is considered a non-hazardous product.

The coding of a waste stream is based on the application of the product by the consumer. Option:

**EWC-Code:** 20 01 26\* oil and fat other than those mentioned in 20 01 25.

**Contaminated packing:** Packaging which contains leftovers from the product must be disposed of in the same way as the product.

## SECTION 14. TRANSPORT INFORMATION



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This product is classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	1987	1987
14.2 UN proper shipping name	ALCOHOLS, N.O.S.	ALCOHOLS, N.O.S.
14.3 Transport hazard class(es)	3	3
14.4 Packing group	III	III
14.5 Environmental hazards – MP EmS:	No F-E, S-D	No F-E, S-D
Other informations	LQ: 5 L Tunnel: D/E	LQ: 5 L Tunnel: D/E

#### 14.6 Special precautions for user:

Not relevant.

#### 14.7 Maritime transport in bulk according to IMO instruments:

Not relevant.

## SECTION 15. REGULATORY INFORMATION

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

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

#### Additional information:

People under the age of 18 must not work with this product cf. Council Directive 94/33/EC.

#### 15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

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## SECTION 16. OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

### Additional information:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

**Validated by:** SRS

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