

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Icon Dry

Revision date: 08.05.2021

Product code: 220400, 220401, 220402, 220403 (GHS\_6700)

Page 1 of 6

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

#### 1.1. Product identifier

Icon Dry

CAS No: 64-17-5  
Index No: 603-002-00-5  
EC No: 200-578-6

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

##### Use of the substance/mixture

for dental use only

##### Uses advised against

pregnant or breastfeeding people should not work with hazardous substances

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

Company name: DMG America LLC  
Street: 242 South Dean Street, Englewood NJ. 07631  
Telephone: (800) 662-6383  
(800) 535-5053 (*INFOTRAC Emergency contact*)  
e-mail: [Info@dmg-america.com](mailto:Info@dmg-america.com)  
Internet: [www.dmg-america.com](http://www.dmg-america.com)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:  
Flammable liquid: Flam. Liq. 2

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	ethanol; ethyl alcohol			55 - 99 %
	200-578-6	603-002-00-5		
	Flam. Liq. 2; H225			

Full text of H and EUH statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Icon Dry

Revision date: 08.05.2021

Product code: 220400, 220401, 220402, 220403 (GHS\_6700)

Page 2 of 6

### After contact with skin

After contact with skin, wash immediately with: Water and soap. Change contaminated clothing. Rub greasy ointment into the skin.

### After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### After ingestion

If swallowed, immediately drink: Water. Medical treatment necessary.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Atomized water. alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Sand.

#### Unsuitable extinguishing media

High power water jet.

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

Concentrated vapors are heavier than air. Vapours may form explosive mixtures with air.

### 5.3. Advice for firefighters

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

## SECTION 6: Accidental release measures

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

Keep away from sources of ignition - No smoking.

The following must be prevented: inhalation. skin contact. Eye contact.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Keep away from sources of ignition - No smoking. Provide adequate ventilation.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Store only in original container.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

### 8.2. Exposure controls

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Icon Dry

Revision date: 08.05.2021

Product code: 220400, 220401, 220402, 220403 (GHS\_6700)

Page 3 of 6



### Protective and hygiene measures

When using do not eat or drink.

### Eye/face protection

Tightly sealed safety glasses.

### Hand protection

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber).

### Respiratory protection

The following must be prevented: inhalation. exceeding exposure limit values: Filtering device (full mask or mouthpiece) with filter: A

## SECTION 9: Physical and chemical properties

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

Physical state:	liquid
Colour:	colourless-transparent
Odour:	characteristic
pH-Value:	neutral

### Changes in the physical state

Melting point:	ca. -115 °C
Initial boiling point and boiling range:	ca. 80 °C
Flash point:	The product has not been tested.
Lower explosion limits:	3.5 vol. %
Upper explosion limits:	15 vol. %
Ignition temperature:	425 °C
Vapour pressure: (at 20 °C)	59 hPa
Density (at 20 °C):	ca. 0,8 g/cm <sup>3</sup>
Water solubility:	complete miscible
Viscosity / dynamic: (at 20 °C)	1,3 mPa·s

## SECTION 10: Stability and reactivity

### 10.4. Conditions to avoid

heat.

### 10.5. Incompatible materials

Oxidizing agents. peroxides. acid. Alkali metals.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Acute toxicity, oral LD50: (Rat): > 10000 mg/kg

# Safety Data Sheet

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## Icon Dry

Revision date: 08.05.2021

Product code: 220400, 220401, 220402, 220403 (GHS\_6700)

Page 4 of 6

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 mg/kg	6200	Rat	IUCLID
	inhalation (4 h) vapour	LC50	95,6 mg/l	Rat	RTECS

### Irritation and corrosivity

In case of prolonged or frequently repeated skin contact: irritant.; Following eye contact: irritant.

## SECTION 12: Ecological information

### 12.1. Toxicity

Acute fish toxicity (Leuciscus idus): LC50: > 8140 mg / l / 48 h (Ethanol);

Acute Daphnia toxicity (Daphnia magna): EC50: 9268 - 14221 mg / l / 48 h

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol; ethyl alcohol					
	Acute crustacea toxicity	EC50	9268 - 14221 mg/l	48 h	Daphnia magna	IUCLID

### 12.2. Persistence and degradability

Easily biodegradable (concerning to the criteria of the OECD)

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
64-17-5	ethanol; ethyl alcohol				
	Biologische Abbaubarkeit	94 %		OECD 301E	
	leicht biologisch abbaubar				
	Chemischer Sauerstoffbedarf	930-1670 mg/g	5		

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Remove according to the regulations.

#### List of Wastes Code - residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCEPT KITCHEN AND RESTAURANT WASTES NOT ARISING FROM IMMEDIATE HEALTH CARE); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing hazardous substances; hazardous waste

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number:

UN 1170

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## Icon Dry

Revision date: 08.05.2021

Product code: 220400, 220401, 220402, 220403 (GHS\_6700)

Page 5 of 6

**14.2. UN proper shipping name:** ETHANOL (ETHYL ALCOHOL)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Classification code: F1  
Special Provisions: 144 601  
Limited quantity: 1 L  
Transport category: 2  
Hazard No: 33  
Tunnel restriction code: D/E

### Other applicable information (land transport)

E2

### Marine transport (IMDG)

**14.1. UN number:** UN 1170

**14.2. UN proper shipping name:** ETHANOL (ETHYL ALCOHOL)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Special Provisions: 144  
Limited quantity: 3 L  
EmS: F-E, S-D

### Other applicable information (marine transport)

E2

### Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1170

**14.2. UN proper shipping name:** ETHANOL (ETHYL ALCOHOL)

**14.3. Transport hazard class(es):** 3

**14.4. Packing group:** II

Hazard label: 3



Special Provisions: A3  
Limited quantity Passenger: 1 L  
IATA-packing instructions - Passenger: 353  
IATA-max. quantity - Passenger: 5 L  
IATA-packing instructions - Cargo: 364  
IATA-max. quantity - Cargo: 60 L

### Other applicable information (air transport)

E2

: Y341

### 14.5. Environmental hazards

# Safety Data Sheet

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Page 6 of 6

ENVIRONMENTALLY HAZARDOUS: no

### SECTION 15: Regulatory information

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

##### **National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

### SECTION 16: Other information

#### **Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.  
EUH210 Safety data sheet available on request.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*