

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 1 of 14

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

### 1.1. Product identifier

Captain Clean Glass Cleaner

UFI: 4M5H-751C-TEJC-VXJ3

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

#### Use of the substance/mixture

Glass cleaner, contains solvents, flammable

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

Company name:	GHZ Matra AG	
Street:	Max-Volmer-Str. 14	
Place:	D-40724 Hilden	
Telephone:	+49 (0) 2103 3959 - 0	Telefax: +49 (0) 2103 3959 - 40
E-mail:	info@ghz-matra.de	
Contact person:	Division: Sales	
E-mail:	Info@GHZ-Matra.de	
Internet:	www.ghz-matra.de	

**1.4. Emergency telephone number:** +49 (0) 551 / 19240 (24h)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 3; H226

Full text of hazard statements: see SECTION 16.

### 2.2. Label elements

Regulation (EC) No 1272/2008

Signal word: Warning

Pictograms:



#### Hazard statements

H226 Flammable liquid and vapour.

#### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
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.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of waste according to applicable legislation.

#### Special labelling of certain mixtures

EUH208 Contains 2-methyl-2H-isothiazol-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 2 of 14

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64-17-5	ethanol; ethyl alcohol			5 - < 10 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
64-19-7	acetic acid			< 0.1 %
	200-580-7	607-002-00-6		
	Flam. Liq. 3, Skin Corr. 1A; H226 H314			
78-93-3	butanone; ethyl methyl ketone			< 0.1 %
	201-159-0	606-002-00-3	01-2119457290-43	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			
2682-20-4	2-methyl-2H-isothiazol-3-one			< 0.002 %
	220-239-6			
	Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1A, STOT SE 3, Aquatic Acute 1; H330 H311 H301 H314 H318 H317 H336 H400			
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)			< 0.0015 %
	-	613-167-00-5		
	Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071			

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

##### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
64-17-5	200-578-6	ethanol; ethyl alcohol	5 - < 10 %
		inhalation: LC50 = 124,7 mg/l (vapours); dermal: LD50 = 20000 mg/kg; oral: LD50 = 6200 mg/kg Eye Irrit. 2; H319: >= 50 - 100	
64-19-7	200-580-7	acetic acid	< 0.1 %
		Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25	
78-93-3	201-159-0	butanone; ethyl methyl ketone	< 0.1 %
		inhalation: LC50 = 23,5 mg/l (vapours); dermal: LD50 = 6400 mg/kg; oral: LD50 = 4000 mg/kg	
2682-20-4	220-239-6	2-methyl-2H-isothiazol-3-one	< 0.002 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg Skin Sens. 1A; H317: >= 0,002 - 100	
55965-84-9	-	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.0015 %
		inhalation: ATE = 0,5 mg/l (vapours); inhalation: LC50 = 0,33 mg/l (dusts or mists); dermal: LD50 = 87,12 mg/kg; oral: LD50 = 64 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100	

### SECTION 4: First aid measures

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Captain Clean Glass Cleaner**

Revision date: 18.10.2023

Page 3 of 14

**4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

**After contact with skin**

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

**After ingestion**

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person or a person with cramps.

**4.2. Most important symptoms and effects, both acute and delayed**

No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.  
Extinguishing powder, alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Water spray jet.

**Unsuitable extinguishing media**

High power water jet.

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

Flammable. Vapours can form explosive mixtures with air.  
In case of fire may be liberated: Pyrolysis products, toxic

**5.3. Advice for firefighters**

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

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Evacuate area.

**For non-emergency personnel**

Remove all sources of ignition. Provide adequate ventilation. Use personal protection equipment.

**For emergency responders**

Wear personal protection equipment (refer to section 8).

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up****For containment**

Stop leak if safe to do so. Cover drains.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 4 of 14

#### For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Ventilate affected area.

#### Other information

Use non-sparking tools.

Clean contaminated articles and floor according to the environmental legislation.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

Use personal protection equipment.

##### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

##### Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

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

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Hints on joint storage

Do not store together with: Strong alkali, Strong acid, strong base

Keep away from food, drink and animal feedingstuffs.

##### Further information on storage conditions

Keep away from heat. Protect from direct sunlight.

Recommended storage temperature +5°C - +30°C

#### 7.3. Specific end use(s)

Glass cleaner, contains solvents, flammable

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 5 of 14

### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	
140-11-4	Benzyl acetate	10	-		TWA (8 h)	
5392-40-5	Citral (Inhalable Fraction and Vapour)	5	-		TWA (8 h)	
64-17-5	Ethanol	1000	-		STEL (15 min)	
64-17-5	Ethyl alcohol	1000	-		STEL (15 min)	
67-63-0	Isopropyl alcohol	200	-		TWA (8 h)	
		400	-		STEL (15 min)	
78-93-3	Methyl ethyl ketone (MEK) (Butan-2-one)	200	600		TWA (8 h)	
		300	900		STEL (15 min)	
67-63-0	Propan-2-ol	200	-		TWA (8 h)	
		400	-		STEL (15 min)	
8006-64-2	Turpentine	20	112		TWA (8 h)	
		150	840		STEL (15 min)	

### Biological limit values

CAS No	Substance	Parameter	Value	Test material	Sampling time
67-63-0	2-Propanol	Acetone	40 mg/L	Urine	End of shift at end of workweek
78-93-3	Butan-2-one	Butan-2-one	70 µmol/L	Urine	Post shift

### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64-17-5	ethanol; ethyl alcohol			
Worker DNEL, long-term		dermal	systemic	343 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	950 mg/m <sup>3</sup>
64-19-7	acetic acid			
Worker DNEL, acute		inhalation	local	25 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	25 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	25 mg/m <sup>3</sup>
78-93-3	butanone; ethyl methyl ketone			
Worker DNEL, long-term		dermal	systemic	1161 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	600 mg/m <sup>3</sup>

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 6 of 14

### PNEC values

CAS No	Substance	
Environmental compartment		Value
64-17-5	ethanol; ethyl alcohol	
Freshwater		0,96 mg/l
Marine water		0,79 mg/l
Freshwater sediment		3,6 mg/kg
Marine sediment		2,9 mg/kg
Micro-organisms in sewage treatment plants (STP)		580 mg/l
Soil		0,63 mg/kg
78-93-3	butanone; ethyl methyl ketone	
Freshwater		55,8 mg/l
Marine water		55,8 mg/l
Freshwater sediment		284,74 mg/kg
Marine sediment		284,7 mg/kg
Micro-organisms in sewage treatment plants (STP)		709 mg/l
Soil		22,5 mg/kg

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Use eye protection according to EN 166.

##### Hand protection

Tested protective gloves are to be worn: EN ISO 21420:2020

Suitable material: Polyethylene (LLPDE)

Thickness of the glove material  $\geq 0,062$  mm

penetration time (maximum wearing period):  $> 480$  min.

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation, exceeding exposure limit values.

##### Thermal hazards

Flame-retardant protective clothing. Wear anti-static footwear and clothing

##### Environmental exposure controls

Avoid release to the environment.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 7 of 14

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid	
Colour:	light green	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		98 °C
Flammability:		Flammable
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		54 °C
Auto-ignition temperature:		225 °C
Decomposition temperature:		not determined
pH-Value:		6 - 8
Viscosity / kinematic:		not determined
Water solubility:		easily soluble
Solubility in other solvents		not determined
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		24,68 hPa
(at 20 °C)		
Vapour pressure:		128,9604 hPa
(at 50 °C)		
Density (at 20 °C):		0,985 - 0,995 g/cm <sup>3</sup>
Relative vapour density:		not determined
Particle characteristics:		not applicable

### 9.2. Other information

#### Information with regard to physical hazard classes

##### Explosive properties

Vapours can form explosive mixtures with air.

##### Further Information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Vapours can form explosive mixtures with air.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Heat. UV-radiation/sunlight.

### 10.5. Incompatible materials

Strong alkali, Strong acid, strong base

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 8 of 14

## 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.

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	ethanol; ethyl alcohol				
	oral	LD50 6200 mg/kg	Rat	Pre-supplier/manufacturer	
	dermal	LD50 20000 mg/kg	Rabbit	Pre-supplier/manufacturer	
	inhalation (4 h) vapour	LC50 124,7 mg/l	Rat	Pre-supplier/manufacturer	
78-93-3	butanone; ethyl methyl ketone				
	oral	LD50 4000 mg/kg	Rat	Pre-supplier/manufacturer	
	dermal	LD50 6400 mg/kg	Rabbit	Pre-supplier/manufacturer	
	inhalation (4 h) vapour	LC50 23,5 mg/l	Rat	Pre-supplier/manufacturer	
2682-20-4	2-methyl-2H-isothiazol-3-one				
	oral	ATE 100 mg/kg			
	dermal	ATE 300 mg/kg			
	inhalation vapour	ATE 0,5 mg/l			
	inhalation dust/mist	ATE 0,05 mg/l			
55965-84-9	reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)				
	oral	LD50 64 mg/kg	Rat	Pre-supplier/manufacturer	
	dermal	LD50 87,12 mg/kg	Rabbit	Pre-supplier/manufacturer	
	inhalation vapour	ATE 0,5 mg/l			
	inhalation (4 h) dust/mist	LC50 0,33 mg/l	Rat	Pre-supplier/manufacturer	

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Contains 2-methyl-2H-isothiazol-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 9 of 14

### 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.

### Information on likely routes of exposure

oral, Skin contact, Eye contact, Inhalation.

### 11.2. Information on other hazards

#### Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

## SECTION 12: Ecological information

### 12.1. Toxicity

Based on available data, the classification criteria are not met.

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64-17-5	ethanol; ethyl alcohol					
	Acute fish toxicity	LC50 mg/l	11000	96 h	Alburnus alburnus (alburnum)	Pre-supplier/manu facturer
	Acute crustacea toxicity	EC50 mg/l	9268	48 h	Daphnia magna (Big water flea)	Pre-supplier/manu facturer
78-93-3	butanone; ethyl methyl ketone					
	Acute fish toxicity	LC50 mg/l	3220	96 h	Pimephales promelas (fathead minnow)	Pre-supplier/manu facturer
	Acute crustacea toxicity	EC50 mg/l	5091	48 h	Daphnia magna (Big water flea)	Pre-supplier/manu facturer

### 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-17-5	ethanol; ethyl alcohol			
		89 %	14	Pre-supplier/manufactur er
	Biodegradation			
78-93-3	butanone; ethyl methyl ketone			
		89 %	20	Pre-supplier/manufactur er
	Biodegradation			

### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol; ethyl alcohol	-0,31
64-19-7	acetic acid	-0,71
78-93-3	butanone; ethyl methyl ketone	0,29

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 10 of 14

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

No information available.

#### **Further information**

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

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

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### **List of Wastes Code - used product**

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

##### **Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### **Land transport (ADR/RID)**

<b><u>14.1. UN number or ID number:</u></b>	UN 1993
<b><u>14.2. UN proper shipping name:</u></b>	FLAMMABLE LIQUID, N.O.S. (ethanol; ethyl alcohol)
<b><u>14.3. Transport hazard class(es):</u></b>	3
<b><u>14.4. Packing group:</u></b>	III
Hazard label:	3



Classification code:	F1
Special Provisions:	274 601
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

#### **Inland waterways transport (ADN)**

<b><u>14.1. UN number or ID number:</u></b>	UN 1993
<b><u>14.2. UN proper shipping name:</u></b>	FLAMMABLE LIQUID, N.O.S. (ethanol; ethyl alcohol)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 11 of 14

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

3

**14.4. Packing group:**

III

Hazard label:

3



Classification code:

F1

Special Provisions:

274 601

Limited quantity:

5 L

Excepted quantity:

E1

**Marine transport (IMDG)**

**14.1. UN number or ID number:**

UN 1993

**14.2. UN proper shipping name:**

FLAMMABLE LIQUID, N.O.S. (Ethanol; ethyl alcohol)

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

3

**14.4. Packing group:**

III

Hazard label:

3



Marine pollutant:

-

Special Provisions:

223 274 955

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-E, S-E

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

**14.1. UN number or ID number:**

UN 1993

**14.2. UN proper shipping name:**

FLAMMABLE LIQUID, N.O.S. (Ethanol; ethyl alcohol)

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

3

**14.4. Packing group:**

III

Hazard label:

3



Special Provisions:

A3

Limited quantity Passenger:

10 L

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger:

355

IATA-max. quantity - Passenger:

60 L

IATA-packing instructions - Cargo:

366

IATA-max. quantity - Cargo:

220 L

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS:

No

**14.6. Special precautions for user**

Warning: Flammable liquids!

**14.7. Maritime transport in bulk according to IMO instruments**

No information available.

## SECTION 15: Regulatory information

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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 12 of 14

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC):

6,88 %

Information according to 2012/18/EU  
(SEVESO III):

P5c FLAMMABLE LIQUIDS

#### Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]

#### National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

1 - slightly hazardous to water

#### Additional information

Observe in addition any national regulations!

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,3,6,7,8,9,10,11,12,13,14,15,16.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 13 of 14

#### Abbreviations and acronyms

CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 CAS: Chemical Abstracts Service  
 M-Factor: Multiplication Factor  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
 IMDG: International Maritime Code for Dangerous Goods  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 TI: Technical Instructions  
 DGR: Dangerous Goods Regulations  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 VOC: Volatile Organic Compounds  
 EG or EC: European Community  
 IE: Industrial Emissions  
 SVHC: Substance of Very High Concern  
 Flam. Liq: Flammable liquid  
 Acute Tox: Acute toxicity  
 Asp. Tox: Aspiration hazard  
 Skin Corr: Skin corrosion  
 Skin Irrit: Skin irritation  
 Eye Dam: Eye damage  
 Eye Irrit: Eye irritation  
 Skin Sens: Skin sensitisation  
 STOT SE: Specific target organ toxicity - single exposure  
 Aquatic Acute: Acute aquatic hazard  
 Aquatic Chronic: Chronic aquatic hazard

#### Key literature references and sources for data

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Captain Clean Glass Cleaner

Revision date: 18.10.2023

Page 14 of 14

#### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.
EUH208	Contains 2-methyl-2H-isothiazol-3-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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