mibenco® Cleaning spray

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

1.1. Product identifier

mibenco® Cleaning spray

UFI: GUF8-D0CT-90E0-72AC

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

Use of the substance/mixture

Aerosol paint, varnish.

Contraindicated uses

Do not use for products that come into contact with food.

1.3. Details of the supplier of the safety data sheet

Company name: mibenco gmbh Street: Am Sportplatz 5 D-63791 Karlstein

Place:

Phone: +49 6188 9575-20 Fax: +49 6188 9575-40

E-mail: info@mibenco.com

Internet: www.mibenco.com

Responsible department: Geschäftsführung +49 6188 9575-20

1.4. Emergency telephone number:

Giftnotrufzentrale Mainz +49 (0) 06131/19240 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP Regulation in the UK

Aerosol 1; H222-H229

Acute toxicity 4; H332

Acute toxicity 4; H312

Skin irritation 2; H315

Full text of hazard statements: see SECTION 16.

2.2. Labeling elements

CLP Regulation in the UK

Hazardous components for labeling xylene

1,2,4-trimethylbenzene

Word of warning: danger

Pictograms:

Hazard phrases

H222 Extremely flammable aerosol.

H229 Pressurized container: May explode if heated.

H312+H332 Harmful in contact with skin or if inhaled.

H315 Causes skin irritation.

Precautionary

statements P103 Read and follow all instructions carefully.

P102 Keep out of reach of children.

P101	If medical advice is needed, have the product container or label at hand.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Smoking forbidden.
P251	Do not puncture or burn, even after use.
P211	Do not spray on an open flame or other ignition source.
P280	Wear protective gloves/protective clothing/eye protection/face protection/safety equipment. hearing protection.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Aerosol

Relevant ingredients

CAS No.	Chemical name			Amount
	EC No.	Index number	REACH No.	
	Classification (GB CLP Regulation)			
115-10-6	dimethyl ether			40 - < 45%
	204-065-8	603-019-00-8		
	Flammable gas 1; H220			
1330-20-7	xylene			30 - < 35%
	215-535-7	601-022-00-9		
	Flammable Liquid 3, Acute Tox. 4, Acute Tox. 4, Skin Irritation 2; H226 H332 H312 H315			
64742-49-0	Low boiling point hydrotreated naphtha, Naphtha (petroleum), hydrotreated light			1 - < 5%
	265-151-9			
	STOT SE 3, Acute Tox. 1, Chronic Aquatic Toxicity 2; H336 H304 H411			
95-63-6	1,2,4-trimethylbenzene			1 - < 5%
	202-436-9	601-043-00-3		
	Flammable liquid 3, Acute toxicity 4, Skin irritation 2, Eye irritation 2, STOT SE 3, Acute/chronic toxicity 2; H226 H332 H315 H319 H335 H411			

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

Specific concentration limits, M-factors and ATEs

CAS No.	EC No.	Chemical name	Amount
	Specific concentration limits, M-factors and ATEs		
1330-20-7	215-535-7	xylene	30 - < 35%
	inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dust or mists); dermal: ATE = 1100 mg/kg		
95-63-6	202-436-9	1,2,4-trimethylbenzene	1 - < 5%
	inhalation: LC50 = 18 mg/l (vapours); inhalation: ATE = 1.5 mg/l (dust or mists); oral: LD50 = 5000 mg/kg		

SECTION 4: First aid measures

4.1. Description of first aid measures

general information

In case of accident or if you feel unwell, seek medical advice immediately (show the instructions for use or the safety data sheet where possible). Do not administer in case of unconsciousness or cramps.

After inhalation

Rest the victim, cover them with a blanket, and keep them warm. If the victim is at risk of losing consciousness, position and transport them on their side.

After skin contact

Immediately remove all contaminated clothing, including underwear and shoes. Wash the body thoroughly (shower or bath). After skin contact, wash immediately with plenty of soap and water.

After eye contact

Rinse immediately and thoroughly with water or eyewash solution. If the product comes into contact with the eyes, hold the eyelid open and rinse immediately with plenty of water for at least 5 minutes. Then consult an ophthalmologist.

After ingestion

Call a doctor immediately. DO NOT induce vomiting. Do not give anything to eat or drink.

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

Frequent or prolonged contact with skin may cause dermal irritation.

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

Symptomatic treatment. In case of accident or if you feel unwell, seek medical advice immediately (show the instructions for use or the safety data sheet). security, if possible).

SECTION 5: Firefighting measures

5.1. Fire extinguishing media

Suitable extinguishing media

Coordinate fire-fighting measures according to the surroundings of the fire. Foam. Dry extinguishing powder. Carbon dioxide (CO_2).

Unsuitable extinguishing media

High-power water jet.

5.2. Special hazards arising from the substance or mixture in question

Non-flammable. Vapours may form explosive mixtures with air. Special exposure hazards arising from the substance itself, combustion products, resulting gases: Nitrogen oxides (NOx). Carbon monoxide

5.3. Advice for firefighters

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

Additional Information

Use a water spray jet to protect personnel and cool containers at risk. Contaminated water used for extinguishing Fire waste must be collected separately.

SECTION 6: Accidental release precautions

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Ensure adequate ventilation. Refer to protective measures in sections 7 and 8.

6.2. Environmental precautions

Do not allow to enter surface water or drains. Contain and dispose of contaminated wash water.

6.3. Methods and materials for containment and cleaning up

Other information

Absorb with liquid-absorbent material (sand, diatomaceous earth, acid-binding or universal agents). Treat recovered material according to the instructions in the waste disposal section. Treat recovered material according to the instructions in the waste disposal section. waste. Suitable material for collection: diatomaceous earth.

6.4. References to other sections

See protective measures in points 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Tips on safe handling

Information for safe handling: In case of uncovered handling, local exhaust ventilation devices must be used.

The following should be avoided: inhalation, skin contact, eye contact.

Fire and explosion protection tips

Vapours may form explosive mixtures with air.

General occupational hygiene tips

Remove contaminated clothing. Wash hands before breaks and after work. Do not eat or drink during use. If technical measures

If exhaust or ventilation is not possible or insufficient, respiratory protection must be worn.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed. Take precautions against static discharge.

Use the material only in places where open light, fire and other flammable sources can be kept away. Keep only in the container original, in a cool and well-ventilated place.

Tips on shared storage

Materials to avoid: Acid. Base. Oxidizing agents. Paper.

Additional information about storage conditions

Keep only in the original container. Protect from: heat. Heating will cause a pressure increase with risk of explosion.

7.3. Specific end use(s)

Aerosol paint, varnish.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No.	Substance	ppm	mg/m³ fibers/ml		Category	Origin
115-10-6	Dimethyl ether	400	766		TWA (8 hours)	WEL
		500	958		STEL (15 min)	WEL
95-63-6	Trimethylbenzenes: 1,2,4-trimethylbenzene	25	125		TWA (8 hours)	WEL
1330-20-7	Xylene: mixed isomers	50	220		TWA (8 hours)	WEL
		100	441		STEL (15 min)	WEL

Guideline values for biological monitoring (EH40)

CAS No.	Substance	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid (creatinine)	650 mmol/mol	urine	post-tower

Additional advice on limit values

source:

8.2. Exposure controls

Appropriate engineering controls

See Chapter 7. No further action is required.

Individual protective measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

Hand protection

When handling chemicals, protective gloves with the CE label, including the four control digits, must be worn. Quality

The choice of chemical-resistant protective gloves should be based on the specific workplace concentration and quantity of hazardous substances. For special purposes, it is recommended to check the chemical resistance of the protective gloves.

protection mentioned above together with the supplier of these gloves. Tested protective gloves must be worn: Suitable material: NBR (nitrile rubber), butyl rubber.

Glove material thickness: >0.4 mm breakthrough time (maximum wearing period): >480 min
DIN/EN standards EN ISO 374

Skin protection

Wear appropriate protective clothing.

Respiratory protection

In case of inadequate ventilation, wear respiratory protective equipment. Filtering device (full mask or mouthpiece) with filter:

Environmental exposure control

See Chapter 7. No further action is required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Aerosol

Color:	characteristic	
Smell:	characteristic	
Odor tolerance threshold:	indefinite	
		Test method
Melting point/freezing point:	indefinite	
Boiling point or initial boiling point and boiling range:	-25 °C	
Flammability:	does not apply	
Lower explosion limits:	1% vol does not apply.	
Upper explosion limits:	18.6% vol.	
Flash point:	-25 °C	DIN EN ISO 1523
Autoignition temperature:	235 °C	DIN 51794
Decomposition temperature:	indefinite	
pH value:	indefinite	
Solubility in water:	The study does not need to be conducted because it is known that the substance is insoluble in water.	

Solubility in other solvents
indefinite

Partition coefficient n-octanol/water:	indefinite	
Vapor pressure: (at 20 °C)	5100 hPa	DIN EN 12
Density:	indefinite	
Relative vapor density:	indefinite	

9.2. Other information

Information on physical hazard classes

Autoignition temperature

Solid:	not applicable
Gas:	not applicable

Other safety features

Evaporation rate:	indefinite
Solvent content:	75%
Solid content:	25%
Viscosity / dynamics:	does not apply

SECTION 10: Stability and reactivity

10.1. Reactivity

There are no risks worth mentioning. Please always follow the information in the safety data sheet.

10.2. Chemical stability

There are no risks worth mentioning. Please always follow the information in the safety data sheet.

10.3. Possibility of hazardous reactions

There are no risks worth mentioning. Please always follow the information in the safety data sheet.

10.4. Conditions to avoid

Heat. Heating causes an increase in pressure with risk of explosion.

10.5. Incompatible materials

Reacts with: Alkali (alkali). Oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition may result in the release of irritating gases and vapors.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in the UK CLP Regulation

Acute toxicity

Propane LC50: 56 - 80 Vol.-% (Rat, 15 min.)

Dimethyl ether LC50: 308 mg/L (Rat)

CAS No.	Chemical name				
	Route of exposure	Dose	Species	Source	Method
1330-20-7	xylene				
	skin	Threads 1100 mg/kg			
	inhalation vapors	Threads 11 mg/l			
	dust/mist by inhalation	Threads 1.5 mg/l			
95-63-6	1,2,4-trimethylbenzene				
	oral	LD50 5000 mg/kg	rat	RTECS	
	inhalation (4 h) vapour LC50	18 mg/l	rat	RTECS	
	dust/mist by inhalation	Threads 1.5 mg/l			

Irritation and corrosivity

Frequent or prolonged contact with skin may cause dermal irritation.

STOT - repeated exposure

May cause frostbite. Has a degreasing effect on the skin.

Specific effects in animal experiments

No toxicological data are available.

SECTION 12: Ecological information

12.1. Toxicity

Aquatoxicity

Harmful to water fleas.

CAS No.	Chemical name					
	Aquatic toxicity	Dose	Species [h]	[d]	Source	Method
95-63-6	1,2,4-trimethylbenzene					
	Acute toxicity to fish	IC50 7.72 mg/l	96 hours	Pimephales promelas	ECHA	
	Acute toxicity to crustaceans	EC50 3.6 mg/l	48 hours	Daphnia	ECOTOX Database	

12.2. Persistence and degradability No

data available

12.3. Bioaccumulative potential No

data available

Partition coefficient n-octanol/water

CAS No.	Chemical name	Logarithmic power
115-10-6	1,2,4-dimethyl ether	0.1
95-63-6	trimethylbenzene	3.63

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessments

The substances in the mixture do not meet the PBT/vPvB criteria under UK REACH.

No data available

12.6. Endocrine Disrupting Properties

This product does not contain a substance with endocrine disrupting properties with respect to non-target organisms, as no component does not meet the criteria.

12.7. Other adverse effects

No data available

Additional Information

Avoid dispersal into the environment. Do not allow uncontrolled leakage of the product into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste in accordance with applicable legislation. Dispose of waste in accordance with applicable legislation.

Waste list - waste/unused product code

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste list Code - product used

WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and 160504 discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; waste dangerously

Contaminated packaging

Wash with plenty of water. Completely emptied packaging can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or number	UN 1950
identification: 14.2. UN proper shipping name	aerosol
for transport: 14.3. Hazard class(es)	2
for transport: 14.4. Packing	-
group: Danger label:	2.1

Classification code:	5F
Special provisions:	190 327 344 625
Limited quantity:	1 liter
Exempt quantity:	E0
Transport category:	2
Tunnel restriction code:	D.

Other relevant information (land transport)

: 190 - 327 - 625

2

:D

Inland waterway transport (IWT)

14.1. UN number or identification number:	UN 1950
14.2. UN proper name for	aerosol
Transport hazard class(es): 14.3.	2
Transport: 14.4. Packing	-
group: Hazard label:	2.1

Classification code:	5F
Special provisions:	190 327 344 625
Limited quantity:	1 liter
Exempt quantity:	E0

Other applicable information (inland waterway transport) : 190 327 625

Sea transport (IMDG)

14.1. UN number or identification number:	UN 1950
14.2. UN proper name for	aerosol
Transport hazard class(es): 14.3.	2.1
Transport group: 14.4.	-
packaging: Danger label:	2.1

Special provisions:	63, 190, 277, 327, 344, 381, 959
Limited quantity:	1000ml
Exempt quantity:	E0
EmS:	FD, SU

Other applicable information (sea transport)

63, 190, 277, 327, 959

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or identification number:	UN 1950
14.2. UN proper name for	FLAMMABLE AEROSOLS
Transport hazard class(es): 14.3.	2.1
Transport: 14.4. Packing group:	-
Hazard label:	2.1

Special provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Exempt quantity:	E0
IATA Packing Instructions - Passenger:	203
Maximum IATA quantity - Passenger:	75 kg
IATA Packing Instructions - Cargo:	203
Maximum IATA quantity - Cargo:	150 kg

Other applicable information (air transport)

A1

14.6. Special precautions for the user

Warning: Flammable gases.

14.7. Bulk maritime transport according to IMO instruments

does not apply

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, Annex XVII):

Entrance 3, Entrance 28, Entrance 40, Entrance 75

Directive 2010/75/EU on industrial equipment emissions:	75% (815g/l)
Directive 2004/42/EC on VOCs in paints and varnishes:	75% (815g/l)

National regulatory information

Water hazard class (D):	2 - obviously dangerous for water

15.2. Chemical safety assessment

Chemical safety assessments have not been carried out for the substances in this mixture.

SECTION 16: Other information

Abbreviations and acronyms

Flammable gas: Flammable gases
Aerosol: Aerosols
Flammable liquids: Flammable liquids
Acute toxicity: Acute toxicity
Asp. Tox: Aspiration hazard Skin
irritation: Skin irritation
Eye irritation: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
Aquatic Chronic: Chronic aquatic hazard
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Dangerous Goods Code IATA:
International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List
of notified chemicals CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%
LD50: Lethal Dose, 50%

Relevant H and EUH phrases (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapor.
H229	Pressurized container: May explode if heated.
H304	It can be fatal if swallowed and enters the respiratory tract.
H312	Harmful in contact with skin.
H312+H332	Harmful in contact with skin or if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic organisms with long-term effects.

Additional Information

The above information describes only the safety requirements of the product and is based on our current knowledge.
The information is intended to provide advice on the safe handling of the product mentioned in this safety data sheet for storage, processing, transport and disposal. The information cannot be transferred to other products. In case of mixing the product with other products or in case of processing, the information in this safety data sheet is not necessarily valid for the new material prepared.

(Data for relevant ingredients were taken from the latest version of the subcontractor's safety data sheet.)