Telefax: ++49(0)7041-963429



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

## Spraywash

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

#### 1.1. Product identifier

Spraywash

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

#### Use of the substance/mixture

Elekronikspray/Electronic Spray

## Uses advised against

Reserved for industrial and professional use.

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

Company name: ITW LLC & Co. KG
Street: Mühlackerstrasse 149
Place: D-75417 Mühlacker
Telephone: ++49(0)7041-96340

e-mail: info@itwcp.de
Internet: www.itwcp.de
Responsible Department: Produktsicherheit

1.4. Emergency telephone ++49(0)7041-96340

**number:** Mo. - Do. 8.00 - 16.30 Fr. 8.00 - 14.00

#### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

# Regulation (EC) No. 1272/2008

Hazard categories: Aerosol: Aerosol 1

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3 Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation. May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

# 2.2. Label elements

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

# Hazard components for labelling

Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha, <5% n-hexane <0,1%

Benzol

propan-2-ol; isopropyl alcohol; isopropanol

1-Methoxy-2-propanol

butanone; ethyl methyl ketone **Signal word:**Danger

### Pictograms:







## **Hazard statements**

H222 Extremely flammable aerosol.



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H229 Pressurised container: May burst if heated.

H319 Causes serious eye irritation.
 H336 May cause drowsiness or dizziness.
 H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements** 

P210 Keep away from heat. No Smoking.
P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P403 Store in a well-ventilated place.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

## **Hazardous components**

CAS No	Chemical name			
	EC No	Index No	REACH No	
	Classification according to Regulati	on (EC) No. 1272/2008 [CLP]	•	
64742-49-0	Naphtha (petroleum), hydrotreated light; Low boiling point hydrogen treated naphtha, <5% n-hexane <0,1% Benzol			25-50%
	931-254-9			
	Flam. Liq. 2, STOT SE 3, Asp. Tox.	1, Aquatic Chronic 2; H225 H336 H3	304 H411	
67-63-0	propan-2-ol; isopropyl alcohol; isop	propan-2-ol; isopropyl alcohol; isopropanol		
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
107-98-2	1-Methoxy-2-propanol			
	203-539-1		01-2119457435-35	
	Flam. Liq. 3, STOT SE 3; H226 H33			
124-38-9	Carbondioxide			2,5-10 %
	204-696-9			
	Compressed gas; H280			
78-93-3	butanone; ethyl methyl ketone			2,5-10 %
	201-159-0	606-002-00-3		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066			

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

## **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

#### After inhalation

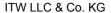
Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

### After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5





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minutes. Subsequently consult an ophthalmologist.

#### After ingestion

If swallowed, immediately drink: Water.

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

No data available

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

No data available

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam. Carbon dioxide (CO2). Extinguishing powder.

#### Unsuitable extinguishing media

Water with tenside additive. Water.

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

Heating causes rise in pressure with risk of bursting.

#### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.

## **SECTION 6: Accidental release measures**

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

Provide adequate ventilation. Wear a self-contained breathing apparatus and chemical protective clothing.

## 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard.

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

Ventilate affected area.

#### **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

# Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

## Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking.

# 7.2. Conditions for safe storage, including any incompatibilities

# Requirements for storage rooms and vessels

Keep container tightly closed.

## Advice on storage compatibility

Do not store together with: Material, rich in oxygen, oxidizing.

### **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters



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#### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
78-93-3	Butan-2-one (methyl ethyl ketone)	200	600		TWA (8 h)	WEL
		300	899		STEL (15 min)	WEL
124-38-9	Carbon dioxide	5000	9150		TWA (8 h)	WEL
		15000	27400		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

## **Biological Monitoring Guidance Values (EH40)**

CAS No	Substance	Parameter	Value	Test material	Sampling time
78-93-3	Butan-2-one	butan-2-one	70 µmol/L	urine	Post shift

#### 8.2. Exposure controls





# Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

## Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

## Eye/face protection

Tightly sealed safety glasses.

## **Hand protection**

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. 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

Protective clothing:

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Combination filter device (DIN EN 141).. Filter AX

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: farblos
Odour: characteristic

Test method

## Changes in the physical state

Initial boiling point and boiling range: 60 °C



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Flash point: <0 °C

Lower explosion limits: 1,2 vol. %

Upper explosion limits: 13,1 vol. %

Ignition temperature: 270 °C

Density (at 20 °C): 0,72 g/cm³

Solvent content: 95%

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No data available

#### 10.2. Chemical stability

No data available

# 10.3. Possibility of hazardous reactions

No data available

## 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

No data available

## **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

#### Irritation and corrosivity

Irritating to eyes. Vapours may cause drowsiness and dizziness. After skin contact: Irritant.

#### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

# **SECTION 12: Ecological information**

#### 12.1. Toxicity

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## **Further information**

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

### **SECTION 13: Disposal considerations**

# 13.1. Waste treatment methods

# Advice on disposal

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

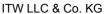
## Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and

discarded chemicals; gases in pressure containers (including halons) containing hazardous

substances

Classified as hazardous waste.





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### Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately

collected municipal packaging waste); metallic packaging

## Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## **SECTION 14: Transport information**

## Land transport (ADR/RID)

14.1. UN number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es): 2
Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 625

Limited quantity: 1 L
Transport category: 2
Tunnel restriction code: D

# Other applicable information (land transport)

EC

## Inland waterways transport (ADN)

14.1. UN number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es): 2
Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

## Other applicable information (inland waterways transport)

ΕC

## Marine transport (IMDG)

14.1. UN number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es): 2
14.4. Packing group: -

Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959



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Limited quantity: See SP277 EmS: F-D, S-U

Other applicable information (marine transport)

F0

Air transport (ICAO)

**14.1. UN number:** UN1950

**14.2. UN proper shipping name:** AEROSOLS, flammable

14.3. Transport hazard class(es):2.1Hazard label:2.1



Special Provisions: A145 A167 Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

## Other applicable information (air transport)

E0 : Y203

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes



Danger releasing substance: Hydrocarbons

# **SECTION 15: Regulatory information**

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

**EU** regulatory information

2004/42/EC (VOC): 44,1 % (317,52 g/l)

**National regulatory information** 

Water contaminating class (D): 2 - water contaminating

#### **SECTION 16: Other information**

LIGGO

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

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Cytromoly flammable core

EUH066 Repeated exposure may cause skin dryness or cracking.



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