

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 1 of 16

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

##### 1.1. Product identifier

276 Electronic Component Cleaner (Bulk)

UFI: C8A4-JSHF-TC24-3T83

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

###### Use of the substance/mixture

Petroleum base cleaner

###### Uses advised against

No information available.

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

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	D-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
E-mail:	eu-sds@chesterton.com	
Contact person:	eu-sds@chesterton.com	Telephone: +49 89 99 65 46 - 0
E-mail:	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

##### 1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

#### SECTION 2: Hazards identification

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

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

Flam. Liq. 2; H225  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
STOT SE 3; H336  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

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

###### Hazard components for labelling

Naphtha (petroleum), light alkylate; Low boiling point modified naphtha propan-2-ol; isopropyl alcohol; isopropanol

Signal word: Danger

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 2 of 16

#### Pictograms:



#### Hazard statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin 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.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands and face thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use sand, extinguishing powder or alcohol-resistant foam to extinguish.
P391	Collect spillage.
P403+P235	Store in a well-ventilated place. Keep cool.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 3 of 16

#### Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha			90 - < 95 %
	265-068-8	649-276-00-X		
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			5-9 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			

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		
64741-66-8	265-068-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha	90 - < 95 %
	inhalation: LC50 = > 4,96 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg		
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	5-9 %
	inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 12800-13400 mg/kg; oral: LD50 = 5045 mg/kg		

#### Further Information

No information available.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### After inhalation

Remove casualty to fresh air and keep warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Call a doctor.

##### After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin irritation, 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.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 4 of 16

#### After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Let 1 glass of water be drunken in little sips (dilution effect).

Do NOT induce vomiting.

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

Causes eye irritation. Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Most important symptoms and effects, both acute and delayed: Headache, Dizziness, Pulmonary oedema

Vapours may cause drowsiness and dizziness.

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

First Aid, decontamination, treatment of symptoms.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### Suitable extinguishing media

- alcohol resistant foam
- Water spray jet
- Carbon dioxide (CO<sub>2</sub>)
- Dry extinguishing powder

##### Unsuitable extinguishing media

- Full water jet

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

Heating causes rise in pressure with risk of bursting.

Vapours can form explosive mixtures with air.

#### **5.3. Advice for firefighters**

Co-ordinate fire-fighting measures to the fire surroundings.

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

Special protective equipment for firefighters: Protective clothing.

#### **Additional information**

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

Remove persons to safety.

Provide adequate ventilation.

Clear spills immediately.

Avoid contact with skin, eyes and clothes.

Safe handling: see section 7

Personal protection equipment: see section 8

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 5 of 16

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Cover drains.

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

##### **For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

##### **Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **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**

Personal protection equipment: see section 8

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

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Take precautionary measures against static discharges.

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

##### **Advice on general occupational hygiene**

Avoid contact with skin, eyes and clothes. Use protective skin cream before handling the product. Remove contaminated, saturated clothing immediately. When using do not eat, drink, smoke, sniff. Wash hands and face before breaks and after work and take a shower if necessary.

##### **Further information on handling**

Wash hands before breaks and after work. Only wear fitting, comfortable and clean protective clothing. Used working clothes should not be worn outside the work area. Street clothing should be stored separately from work clothing.

#### **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. Keep/Store only in original container.

Protect from direct sunlight.

##### **Hints on joint storage**

Keep away from:

Food and feedingstuffs

##### **Further information on storage conditions**

Keep away from:

- Frost

- Heat

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 6 of 16

- Humidity

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

No information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
67-63-0	Propan-2-ol	200	-		TWA (8 h)	
		400	-		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

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 7 of 16

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha			
Worker DNEL, long-term		inhalation	systemic	1,9 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	1286,4 mg/m <sup>3</sup>
Worker DNEL, long-term		inhalation	local	837,5 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	systemic	0,41 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Worker DNEL, acute		inhalation	local	1066,67 mg/m <sup>3</sup>
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day
Consumer DNEL, acute		inhalation	systemic	1152 mg/m <sup>3</sup>
Consumer DNEL, long-term		inhalation	local	178,57 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	local	640 mg/m <sup>3</sup>
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Worker DNEL, acute		inhalation	systemic	1000 mg/m <sup>3</sup>
Consumer DNEL, acute		inhalation	systemic	178 mg/m <sup>3</sup>
Consumer DNEL, acute		oral	systemic	51 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	500 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m <sup>3</sup>
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day

#### PNEC values

CAS No	Substance	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Environmental compartment		Value
Freshwater		140,9 mg/l
Freshwater (intermittent releases)		140,9 mg/l
Marine water		140,9 mg/l
Freshwater sediment		552 mg/kg
Marine sediment		552 mg/kg
Secondary poisoning		160 mg/kg
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/kg

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 8 of 16

#### **8.2. Exposure controls**

##### **Appropriate engineering controls**

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

Take action to prevent static discharges.

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

##### **Eye/face protection**

Suitable eye protection: Eye glasses with side protection, goggles

##### **Hand protection**

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber),

Wearing time with permanent contact: Thickness of the glove material:  $\geq 0,4$  mm, Breakthrough time:  $>480$  min

Wearing time with occasional contact (splashes): Thickness of the glove material:  $\geq 0,1$  mm, Breakthrough time:  $> 30$  min

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.

Breakthrough times and swelling properties of the material must be taken into consideration.

##### **Skin protection**

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

##### **Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Filtering device (full mask or mouthpiece) with filter: A-P2

##### **Thermal hazards**

No data available

##### **Environmental exposure controls**

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid	
Colour:	clear	
Odour:	like: Petroleum	
Melting point/freezing point:		No data available
Boiling point or initial boiling point and boiling range:		98 °C
Flammability:		No data available
Lower explosion limits:		No data available
Upper explosion limits:		No data available
Flash point:		- 6,1 °C
Auto-ignition temperature:		~ 382 °C



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 9 of 16

Decomposition temperature:	No data available
pH-Value:	not applicable
Viscosity / kinematic: (at 25 °C)	1 mm <sup>2</sup> /s
Water solubility:	slightly soluble
Solubility in other solvents	
No information available.	
Partition coefficient n-octanol/water:	<1
Vapour pressure:	No data available
Density (at 20 °C):	0,7 g/cm <sup>3</sup>
Relative vapour density:	No data available

#### 9.2. Other information

##### Information with regard to physical hazard classes

###### Explosive properties

Vapours can form explosive mixtures with air.

###### Sustaining combustion:

Not sustaining combustion

###### Self-ignition temperature

###### Solid:

No data available

###### Gas:

No data available

###### Oxidizing properties

No information available.

##### Other safety characteristics

###### Evaporation rate:

No data available

###### Sublimation point:

No data available

###### Softening point:

No data available

###### Pour point:

No data available

##### Further Information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

This material is considered to be non-reactive under normal use conditions.

### 10.4. Conditions to avoid

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

### 10.5. Incompatible materials

Strong acid, Strong alkali, Oxidising agent

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 10 of 16

#### 10.6. Hazardous decomposition products

Nitrogen oxides (NOx), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide

### 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
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha				
	oral	LD50 > 5000 mg/kg	Rat	Study report (1986)	OECD Guideline 401
	dermal	LD50 > 2000 mg/kg	Rabbit	Study report (1986)	OECD Guideline 402
	inhalation (4 h) vapour	LC50 > 4,96 mg/l	Rat	Study report (1992)	OECD Guideline 403
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5045 mg/kg	Rat		
	dermal	LD50 12800-13400 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 30 mg/l	Rat		

##### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

##### Sensitising effects

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

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

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

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

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

##### STOT-single exposure

May cause drowsiness or dizziness. (Naphtha (petroleum), light alkylate; Low boiling point modified naphtha)

##### STOT-repeated exposure

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

##### Aspiration hazard

May be fatal if swallowed and enters airways.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 11 of 16

#### 11.2. Information on other hazards

##### Endocrine disrupting properties

No data available

### SECTION 12: Ecological information

#### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha					
	Acute fish toxicity	LL50	8,2 mg/l	96 h	Pimephales promelas	Study report (1995) other: EPA 66013-75-009
	Acute algae toxicity	ErC50	3,1 mg/l	72 h	Raphidocelis subcapitata	Study report (1995) OECD Guideline 201
	Acute crustacea toxicity	EL50	4,5 mg/l	48 h	Daphnia magna	Study report (1995) OECD Guideline 202
	Fish toxicity	NOEC	2,6 mg/l	21 d	Daphnia magna	Study report (1999) other: OECD Guideline 211
	Crustacea toxicity	NOEC	2,6 mg/l	21 d	Daphnia magna	Study report (1999) OECD Guideline 211
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	10000 mg/l	96 h	Pimephales promelas	REACH Registration Dossier OECD Guideline 203
	Acute algae toxicity	ErC50	>100 mg/l	72 h	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50	13299 mg/l	48 h	Daphnia magna (Big water flea)	
	Fish toxicity	NOEC	> 1000 mg/l	28 d	Danio rerio	REACH Registration Dossier other: REACH Guidance on QSARs R.6
	Crustacea toxicity	NOEC	> 1000 mg/l	21 d	Daphnia magna	REACH Registration Dossier other: REACH Guidance on QSARs R.6

#### 12.2. Persistence and degradability

No information available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
	OECD 301E	95%	21	

#### 12.3. Bioaccumulative potential

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 12 of 16

No information available.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha	4,5
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

#### BCF

CAS No	Chemical name	BCF	Species	Source
64741-66-8	Naphtha (petroleum), light alkylate; Low boiling point modified naphtha	198,7	Mytilus edulis	REACH Registration D
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,994		Meylan,WM, Howard,PH

#### 12.4. Mobility in soil

No information available.

#### 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.

No data available

#### 12.7. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Dispose of waste according to applicable legislation.

##### Contaminated packaging

Non-contaminated packages may be recycled. Packing which cannot be properly cleaned must be disposed of.

Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number or ID number:</b>	UN 1993
<b>14.2. UN proper shipping name:</b>	FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate; Low boiling point modified naphtha)
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Classification code:	F1
Special Provisions:	274 601 640D
Limited quantity:	1 L

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 13 of 16

Excepted quantity: E2  
 Transport category: 2  
 Hazard No: 33  
 Tunnel restriction code: D/E

#### Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate; Low boiling point modified naphtha)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3  
 Classification code: F1  
 Special Provisions: 274 601 640D  
 Limited quantity: 1 L  
 Excepted quantity: E2

#### Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1993  
**14.2. UN proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), light alkylate; Low boiling point modified naphtha)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3  
 Marine pollutant: P  
 Special Provisions: 274  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 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. (Naphtha (petroleum), light alkylate; Low boiling point modified naphtha)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3  
 Special Provisions: A3  
 Limited quantity Passenger: 1 L  
 Passenger LQ: Y341  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 353  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 14 of 16

Danger releasing substance: Naphtha (petroleum), light alkylate; Low boiling point modified naphtha

#### **14.6. Special precautions for user**

No information available.

#### **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**

##### **EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 700 g/l

##### **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): 2 - obviously hazardous to water

#### **15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

Naphtha (petroleum), light alkylate; Low boiling point modified naphtha  
propan-2-ol; isopropyl alcohol; isopropanol

### SECTION 16: Other information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 15 of 16

#### Abbreviations and acronyms

Flam. Liq: Flammable liquid  
 Asp. Tox: Aspiration hazard  
 Skin Irrit: Skin irritation  
 Eye Irrit: 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)  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer  
 (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organization  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 EC50: Effectice concentration, 50 percent  
 DNEL: Derived No Effect Level  
 PNEC: Predicted No Effect Concentration  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

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

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

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

H225 Highly flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 276 Electronic Component Cleaner (Bulk)

Revision date: 14.06.2024

Page 16 of 16

transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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