

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 12 Dec 2022

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Version: 1



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Spray Fluid CD

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

1.1. Product identifier

Trade name/designation:

Spray Fluid CD

Article No.:

Art. No. M03735 (500ml)

Art. No. M03736 (10l)

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

Use of the substance/mixture:

release agent

Relevant identified uses:

Life cycle stage [LCS]

IS: Use at industrial sites

PW: Widespread use by professional workers

Product Categories [PC]

PC 14: Metal surface treatment products

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Heinz Soyer Bolzenschweißtechnik GmbH

Inninger Straße 14

82237 Wörthsee-Ettersschlag

Germany

Telephone: +49 8153/8850

Telefax: +49 8153/885225

E-mail: info@soyer.de

1.4. Emergency telephone number

+49 (0) 8153/8850 (Mon - Thurs: 7:30-16:30 Fri: 7:30-13:30) (only available during office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations, the product does not have to be labelled.

Hazard statements: none

Supplemental hazard information: none

Precautionary statements: none

2.3. Other hazards

Adverse physicochemical effects:

Special risk/hazard of slipping by leaking/spilled product.

Adverse human health effects and symptoms:

No further relevant information available.

Adverse environmental effects:

No further relevant information available.

Other adverse effects:

No further relevant information available.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No. 1272/2008 [CLP]	Concentration
CAS No.: 68603-58-7 EC No.: 614-636-7	ALKYLAMINOPOLYETHOXY-POLYPROPOXYPROPANOL Acute Tox. 4 (H302) Warning	1 - < 5 weight-%
CAS No.: 28085-69-0 EC No.: 248-827-8	Potassium cumenesulphonate Eye Irrit. 2 (H319) Warning	1 - < 5 weight-%
CAS No.: 28348-53-0 EC No.: 248-983-7	Sodium cumene sulphonate Eye Irrit. 2 (H319) Warning	1 - < 5 weight-%

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

Following inhalation:

Provide fresh air.

In case of skin contact:

Rinse skin with water.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.
In case of eye irritation consult an ophthalmologist.

Following ingestion:

Rinse mouth.
Get medical advice/attention if you feel unwell.

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

No known symptoms to date.

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:

The product does not burn; select suitable extinguishing media for surroundings.

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

Carbon monoxide, Carbon dioxide (CO₂)

5.3. Advice for firefighters

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

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid breathing dust/fume/gas/mist/vapours/spray.
Remove persons to safety.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see 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:

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

For cleaning up:

Water (with cleaning agent)

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Fire prevent measures:

No special measures are necessary.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

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

Packaging materials:

Keep/Store only in original container.

Storage class (TRGS 510, Germany): 12 - non-combustible liquids that cannot be assigned to any of the above storage classes.

Further information on storage conditions:

Protect against: Frost

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment



Eye/face protection:

Eye protection: not required.

In case of increased risk, additionally

Eye glasses with side protection EN 166

Skin protection:

Hand protection is not required.

By long-term hand contact

Tested protective gloves must be worn EN ISO 374

Suitable material: NBR (Nitrile rubber)

Breakthrough time: 480 min

Thickness of the glove material 0.4 mm

In the case of wanting to use the gloves again, clean them before taking off and air them well.

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

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: red

Odour: not determined

Odour threshold: not determined

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	8.5		
Melting point	not determined		
Freezing point	≈ 0 °C		
Initial boiling point and boiling range	= 100 °C		
Decomposition temperature	not determined		
Flash point	not applicable		
Evaporation rate	not determined		
Auto-ignition temperature	not applicable		
Upper/lower flammability or explosive limits	not applicable		
Vapour pressure	not determined		
Vapour density	not determined		
Density	1.009 g/cm ³	20 °C	
Relative density	not determined		
Bulk density	not determined		
Water solubility	completely miscible		
Partition coefficient: n-octanol/water	not applicable		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined		
Solvent content	0 %		

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Parameter	Value	at °C	① Method ② Remark
VOC value	0 weight-%		② European Union / Switzerland

particle characteristics:

not applicable

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

not relevant

The product itself does not burn.

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

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008

ALKYLAMINOPOLYETHOXY-POLYPROPOXYPROPANOL CAS No.: 68603-58-7 EC No.: 614-636-7
LD ₅₀ oral: >1,270 mg/kg (Rat) literature value
potassium cumenesulphonate CAS No.: 28085-69-0 EC No.: 248-827-8
LD ₅₀ oral: >7,000 mg/kg (Rat)
Sodium cumene sulphonate CAS No.: 28348-53-0 EC No.: 248-983-7
LD ₅₀ oral: >7,000 mg/kg (Rat)

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

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

Serious eye damage/irritation:

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

Respiratory or skin sensitisation:

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

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.

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STOT-single exposure:

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

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.

Additional information:

No data available

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 component meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

ALKYLAMINOPOLYETHOXY-POLYPROPOXYPROPANOL	CAS No.: 68603-58-7	EC No.: 614-636-7
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LC₅₀: 186 mg/L 4 d (fish, <i>Oncorhynchus mykiss</i> (Rainbow trout)) literature value
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potassium cumenesulphonate	CAS No.: 28085-69-0	EC No.: 248-827-8
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LC₅₀: >450 mg/L 4 d (fish)
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Sodium cumene sulphonate	CAS No.: 28348-53-0	EC No.: 248-983-7
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LC₅₀: >450 mg/L 4 d (fish)
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Aquatic toxicity:

No further relevant information available.

Assessment/classification:

No further relevant information available.

12.2. Persistence and degradability

ALKYLAMINOPOLYETHOXY-POLYPROPOXYPROPANOL	CAS No.: 68603-58-7	EC No.: 614-636-7
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Biodegradation: Yes, rapidly

Remark: Detergents Ingredients Database (DID-list) Part A. List of ingredients 2016
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potassium cumenesulphonate	CAS No.: 28085-69-0	EC No.: 248-827-8
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Biodegradation: Yes, rapidly

Sodium cumene sulphonate	CAS No.: 28348-53-0	EC No.: 248-983-7
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Biodegradation: Yes, rapidly

Biodegradation:

No further relevant information available.

12.3. Bioaccumulative potential

Partition coefficient: n-octanol/water:

not applicable

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

ALKYLAMINOPOLYETHOXY-POLYPROPOXYPROPANOL	CAS No.: 68603-58-7	EC No.: 614-636-7
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Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

potassium cumenesulphonate	CAS No.: 28085-69-0	EC No.: 248-827-8
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Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

Sodium cumene sulphonate	CAS No.: 28348-53-0	EC No.: 248-983-7
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Results of PBT and vPvB assessment: This substance does not meet the PBT/vPvB criteria of 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 component meets the criteria.

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12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

12 01 99	Wastes not otherwise specified
16 03 04	inorganic wastes other than those mentioned in 16 03 03

Waste code packaging

15 01 02	Plastic packaging
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Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant	not relevant	not relevant	not relevant
14.4. Packing group			
not relevant	not relevant	not relevant	not relevant
14.5. Environmental hazards			
not relevant	not relevant	not relevant	not relevant
14.6. Special precautions for user			
not relevant	not relevant	not relevant	not relevant

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

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15.1.2. National regulations



[DE] National regulations

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

1 - schwach wassergefährdend

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

For abbreviations and acronyms, see table on the eSDScom website

-ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

-CAS: Chemical Abstracts Service

-CLP: Classification, Labelling and Packaging

DNEL: derived no-effect level

-EC₅₀: Effective Concentration 50%

-ECHA: European Chemical Agency

-LC₅₀: Lethal Concentration 50%

-LD₅₀: Lethal Dose 50%

-PBT: persistent, bioaccumulative, toxic

-PNEC: Predicted No Effect Concentration

-REACH: Registration, Evaluation and Authorization of Chemicals

-SVHC: Substance of Very High Concern

-VOC: Volatile organic compounds

-vPvB: very persistent, very bioaccumulative

16.3. Key literature references and sources for data

REACH Dissemination Portal

<https://echa.europa.eu/de/information-on-chemicals/registered-substances>

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No. 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

16.5. Relevant H- and EUH-phrases (Number and full text)

Hazard statements	
H302	Harmful if swallowed.
H319	Causes serious eye irritation.

16.6. Training advice

No data available

16.7. Additional information

No data available