



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

### 1.1 Product identifier

Trade name : Sika® Remover-208 Spray

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

Product use : Detergent, Pretreatment agent, Post treatment agent

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

Company name of supplier : Sika Schweiz AG  
Tüffenwies 16  
8048 Zürich  
Telephone : +41 58 436 40 40  
Telefax : -  
E-mail address of person : EHS@ch.sika.com  
responsible for the SDS

### 1.4 Emergency telephone number

Tox Info Suisse  
CH-8028 Zurich  
+41(0)44 251 51 51 / Speed calling: 145

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1 H222: Extremely flammable aerosol.  
H229: Pressurised container: May burst if heated.

Specific target organ toxicity - single exposure, Category 3, Central nervous system H336: May cause drowsiness or dizziness.

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger



|                                |   |  |  |
|--------------------------------|---|--|--|
| Hazard statements              | : | H222<br>H229<br>H336<br>H412   | Extremely flammable aerosol.<br>Pressurised container: May burst if heated.<br>May cause drowsiness or dizziness.<br>Harmful to aquatic life with long lasting effects.  |
| Supplemental Hazard Statements | : | EUH066   | Repeated exposure may cause skin dryness or cracking.  |
| Precautionary statements       | : | P101<br>P102<br><b>Prevention:</b><br>P210<br>P211<br>P251<br>P271<br><b>Storage:</b><br>P410 + P412<br><b>Disposal:</b><br>P501 | If medical advice is needed, have product container or label at hand.<br>Keep out of reach of children.<br>Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Do not spray on an open flame or other ignition source.<br>Do not pierce or burn, even after use.<br>Use only outdoors or in a well-ventilated area.<br>Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.<br>Dispose of contents/container in accordance with local regulation. |

**Hazardous components which must be listed on the label:**

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Additional Labelling**

The data sheet for medical personnel is available at the here provided emergency address.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Components

| Chemical name   | CAS-No.<br>EC-No.<br>Registration number  | Classification   | Concentration<br>(% w/w) |
|---|---|--|--------------------------|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not Assigned<br>927-241-2<br>01-2119471843-32-XXXX [corresponding group CAS 64742-48-9] | Flam. Liq. 3; H226<br>STOT SE 3; H336<br>(Central nervous system)<br>Asp. Tox. 1; H304<br>Aquatic Chronic 3;<br>H412<br>EUH066 | >=80                     |
| Substances with a workplace exposure limit :                        |   |  |                          |
| carbon dioxide  | 124-38-9<br>204-696-9   |  | >= 2,5 - < 5             |

For explanation of abbreviations see section 16.

according to Detergents : 30 % and more: Aliphatic hydrocarbons  
Regulation EC 648/2004

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.



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

- Symptoms : Erythema  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : No known significant effects or hazards.  
  
May cause drowsiness or dizziness.  
Repeated exposure may cause skin dryness or cracking.

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

- Treatment : Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- Suitable extinguishing media : Water spray jet  
Dry powder  
Foam  
Carbon dioxide (CO<sub>2</sub>)
- Unsuitable extinguishing media : High volume water jet

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

- Hazardous combustion products : No hazardous combustion products are known

#### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers.

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### SECTION 6: Accidental release measures

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

- Personal precautions : Use personal protective equipment.  
Deny access to unprotected persons.

#### 6.2 Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.



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

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Avoid exceeding the given occupational exposure limits (see section 8).  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products
- Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Do not spray on a naked flame or any incandescent material. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

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

- Requirements for storage areas and containers : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in original container. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Store in accordance with local regulations.
- Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

- Specific use(s) : Consult most current local Product Data Sheet prior to any use.



## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components  | CAS-No.  | Value type (Form of exposure) | Control parameters *                 | Basis *    |
|---|--|-------------------------------|--------------------------------------|------------|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | Not Assigned   | TWA                           | 50 ppm<br>300 mg/m <sup>3</sup>      | CH SUVA    |
| carbon dioxide  | 124-38-9   | TWA                           | 5.000 ppm<br>9.000 mg/m <sup>3</sup> | 2006/15/EC |
|   | Further information: Indicative  |                               |                                      |            |
|   |  | TWA                           | 5.000 ppm<br>9.000 mg/m <sup>3</sup> | CH SUVA    |
|   | Further information: National Institute for Occupational Safety and Health |                               |                                      |            |

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

#### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name  | End Use   | Exposure routes | Potential health effects | Value                              |
|---|-----------|-----------------|--------------------------|------------------------------------|
| Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics | Workers   | Skin contact    |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |
|   | Workers   | Inhalation      |                          | 1500 mg/m <sup>3</sup>             |
|   | Consumers | Skin contact    |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |
|   | Consumers | Inhalation      |                          | 900 mg/m <sup>3</sup>              |
|   | Consumers | Ingestion       |                          | 300 mg/m <sup>3</sup><br>300 mg/kg |

### 8.2 Exposure controls

#### Engineering measures

Maintain air concentrations below occupational exposure standards.  
Ensure adequate ventilation, especially in confined areas.

#### Personal protective equipment

- Eye protection : Safety glasses with side-shields conforming to EN166  
Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Suitable for short time use or protection against splashes:  
Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
Contaminated gloves should be removed.  
Suitable for permanent exposure:  
Viton gloves (0.4 mm),  
breakthrough time >30 min.
- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,



long-sleeved working clothing, long trousers).

Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
organic vapor (Type A) and particulate filter  
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
P1: Inert material; P2, P3: hazardous substances  
Ensure adequate ventilation, especially in confined areas.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**Environmental exposure controls**

General advice : Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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**SECTION 9: Physical and chemical properties**

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

Physical state : aerosol  
Colour : colourless  
  
Odour : hydrocarbon-like  
  
Melting point/range / Freezing point : No data available  
  
Initial boiling point and boiling range : 110 °C  
  
Flammability (solid, gas) : No data available

**Upper/lower flammability or explosive limits**

Upper explosion limit / Upper flammability limit  
per flammability limit : 7 %(V)  
  
Lower explosion limit / Lower flammability limit : Lower flammability limit  
0,6 %(V)  
  
Flash point : 24 °C  
Method: closed cup  
  
Auto-ignition temperature : > 200 °C



Decomposition temperature : No data available

pH : Not applicable  
substance/mixture is non-soluble (in water)

**Viscosity**

Viscosity, dynamic : Not applicable

Viscosity, kinematic : Not applicable

**Solubility(ies)**

Water solubility : insoluble

Partition coefficient: n-  
octanol/water : No data available

Vapour pressure : 4 hPa

Density : 0,757 g/cm<sup>3</sup> (20 °C)

Relative vapour density : No data available

Particle characteristics : No data available

**9.2 Other information**

No data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

The product is chemically stable.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : Stable under recommended storage conditions.

**10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.





### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

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

#### Acute toxicity

Not classified based on available information.

#### Components:

##### **Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:**

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4.951 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

#### **Skin corrosion/irritation**

Repeated exposure may cause skin dryness or cracking.

#### Components:

##### **Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics:**

Assessment : Repeated exposure may cause skin dryness or cracking.

#### **Serious eye damage/eye irritation**

Not classified based on available information.

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

Not classified based on available information.

##### **Respiratory sensitisation**

Not classified based on available information.

##### **Germ cell mutagenicity**

Not classified based on available information.

##### **Carcinogenicity**

Not classified based on available information.



**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

This product does not contain any tensides according to the definition in the EU Detergents Regulation (EU/648/2004) (>0,2%).

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

**12.6 Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to



REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Harmful to aquatic life with long lasting effects.

### **Global warming potential**

Assessment Report of the Intergovernmental Panel on Climate Change (IPCC) of the United Nations Framework Convention on Climate Change (UNFCCC)

### Components:

#### **carbon dioxide:**

20-year global warming potential: 1  
100-year global warming potential: 1  
500-year global warming potential: 1  
Radiative efficiency: 0,000013 Wm<sup>2</sup>ppb  
Further information: Major Greenhouse Gases

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues.  
This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Waste code Switzerland : 16 05 04 -  
VeVA/LVA

Contaminated packaging : 15 01 10 [S] packaging containing residues of or contaminated by dangerous substances



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## SECTION 14: Transport information

### 14.1 UN number

**ADR** : UN 1950  
**IMDG** : UN 1950  
**IATA** : UN 1950

### 14.2 UN proper shipping name

**ADR** : AEROSOLS  
**IMDG** : AEROSOLS  
**IATA** : Aerosols, flammable

### 14.3 Transport hazard class(es)

**ADR** : 2  
**IMDG** : 2.1  
**IATA** : 2.1

### 14.4 Packing group

**ADR**  
Packing group : Not assigned by regulation  
Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)

**IMDG**  
Packing group : Not assigned by regulation  
Labels : 2.1  
EmS Code : F-D, S-U

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 203  
Packing instruction (LQ) : Y203  
Packing group : Not assigned by regulation  
Labels : Flammable Gas

### 14.5 Environmental hazards

**ADR**  
Environmentally hazardous : no

**IMDG**  
Marine pollutant : no



**IATA (Passenger)**

Environmentally hazardous : no

**IATA (Cargo)**

Environmentally hazardous : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable for product as supplied.

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**SECTION 15: Regulatory information**

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed (=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

PIC Ordinance, ChemPICO (814.82) : Not applicable

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P3b FLAMMABLE AEROSOLS

Water hazard class (Germa- : WGK 2 obviously hazardous to water



|                            |  |
|----------------------------|--|
| ny)                        | Classification according to AwSV, Annex 1 (5.2)  |
| Volatile organic compounds | : Law on the incentive tax for volatile organic compounds (VOCV)<br>Volatile organic compounds (VOC) content: 96,1% w/w  |
|                            | Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)<br>Volatile organic compounds (VOC) content: 100% w/w |

**Other regulations:**

75/324/EEC

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

**15.2 Chemical safety assessment**

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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**SECTION 16: Other information**

**Full text of H-Statements**

|      |  |
|------|--|
| H226 | : Flammable liquid and vapour.                       |
| H304 | : May be fatal if swallowed and enters airways.      |
| H336 | : May cause drowsiness or dizziness.                 |
| H412 | : Harmful to aquatic life with long lasting effects. |

**Full text of other abbreviations**

|                  |   |
|------------------|---|
| Aquatic Chronic  | : Long-term (chronic) aquatic hazard  |
| Asp. Tox.        | : Aspiration hazard   |
| Flam. Liq.       | : Flammable liquids   |
| STOT SE          | : Specific target organ toxicity - single exposure  |
| 2006/15/EC       | : Europe. Indicative occupational exposure limit values   |
| CH SUVA          | : Switzerland. Limit values at the work place   |
| 2006/15/EC / TWA | : Limit Value - eight hours   |
| CH SUVA / TWA    | : Time Weighted Average   |
| ADR              | : European Agreement concerning the International Carriage of Dangerous Goods by Road                                     |
| CAS              | : Chemical Abstracts Service  |
| DNEL             | : Derived no-effect level   |
| EC50             | : Half maximal effective concentration  |
| GHS              | : Globally Harmonized System  |
| IATA             | : International Air Transport Association   |
| IMDG             | : International Maritime Code for Dangerous Goods   |
| LD50             | : Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of |

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## Sika® Remover-208 Spray



Revision Date: 19.10.2022

Version 7.0

Print Date 03.05.2023

Date of last issue: 05.05.2020

|        |   |  |
|--------|---|--|
| LC50   | : | test animals)<br>Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)  |
| MARPOL | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  |
| OEL    | : | Occupational Exposure Limit  |
| PBT    | : | Persistent, bioaccumulative and toxic  |
| PNEC   | : | Predicted no effect concentration  |
| REACH  | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC   | : | Substances of Very High Concern  |
| vPvB   | : | Very persistent and very bioaccumulative   |

### Further information

#### Classification of the mixture:

|                   |            |
|-------------------|------------|
| Aerosol 1         | H222, H229 |
| STOT SE 3         | H336       |
| Aquatic Chronic 3 | H412       |

#### Classification procedure:

|                    |
|--------------------|
| Calculation method |
| Calculation method |
| Calculation method |

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

|| Changes as compared to previous version !

CH / EN