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

1.1 Product identifier

Trade name : Sika® Dammbindare / Purigo-5S

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

1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Sverige AB
Domnarvsgatan 15
163 53 Spånga
Telephone : +46 8 621 89 00
E-mail address of person responsible for the SDS : miljo@se.sika.com

1.4 Emergency telephone number

112 Begär Giftinformation

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (REGULATION (EC) No 1272/2008)
Skin irritation, Category 2
H315: Causes skin irritation.
Eye irritation, Category 2
H319: Causes serious eye irritation.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
Hazard pictograms :

Signal word : Warning

Hazard statements :
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements :

Prevention:
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of water.
P332 + P313 If skin irritation occurs: Get medical advice/
Attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Registration number</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicic acid, sodium salt, &gt;2.8 &lt;3.1 SiO2</td>
<td>1344-09-8</td>
<td>215-687-4</td>
<td>01-2119448725-31-XXXX</td>
<td>Skin Irrit.2; H315, Eye Irrit.2; H319</td>
<td>&gt;= 25 - &lt; 40</td>
</tr>
</tbody>
</table>

For the full text of the H-Statements mentioned in this Section, see Section 16.

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. Consult a physician after significant exposure.

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: Immediately flush eye(s) with plenty of water. 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.
4.2 Most important symptoms and effects, both acute and delayed
Symptoms: Excessive lachrymation
Erythema
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.
Risks: irritant effects
Causes skin irritation.
Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed
Treatment: Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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: Standard procedure for chemical fires.

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: If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up
Methods for cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

6.4 Reference to other sections
For personal protection see section 8.

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). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

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: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re-sealed and kept upright to prevent leakage. Store in accordance with local regulations.

Other data: No decomposition if stored and applied as directed.

7.3 Specific end use(s)
Specific use(s): No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Contains no substances with occupational exposure limit values.

8.2 Exposure controls

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 (0.4 mm),
Contaminated gloves should be removed.
Suitable for permanent exposure:
Viton gloves (0.4 mm),
breaththrough time >30 min.

Skin and body protection: Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,
long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.

Respiratory protection: No special measures required.

Environmental exposure controls
General advice: If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance: liquid
Colour: colourless
Odour: very faint
Odour Threshold: No data available
Flash point: Not applicable
Autoignition temperature: No data available
Decomposition temperature: No data available
Lower explosion limit (Vol-%): No data available
Upper explosion limit (Vol-%): No data available
Flammability: No data available
Explosive properties: No data available
Oxidizing properties: No data available
SAFETY DATA SHEET
data to Regulation (EC) No. 1907/2006
Sika® Dammbindare / Purigo-5S

Revision Date 27.06.2017 Version 2.0 Print Date 27.06.2017

Country SE  000000601376 6 / 10

**PH** : > 10

Melting point/range / Freezing point:
Boiling point/boiling range : 100 °C

Vapour pressure : 23 hPa

Density : 1,1 g/cm³
at 20 °C

Water solubility : soluble

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

Viscosity, dynamic : No data available

Viscosity, kinematic : > 7 mm²/s
at 40 °C

Relative vapour density : No data available

Evaporation rate : 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 : No data available

**10.5 Incompatible materials**
Materials to avoid : No data available

**10.6 Hazardous decomposition products**
No decomposition if stored and applied as directed.
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity
Not classified based on available information.

Skin corrosion/irritation
Causes skin irritation.

Serious eye damage/eye irritation
Causes serious eye irritation.

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
Not classified based on available information.

STOT - repeated exposure
Not classified based on available information.

Aspiration toxicity
Not classified based on available information.

SECTION 12: Ecological information

12.1 Toxicity
No data available

12.2 Persistence and degradability
No data available

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 Other adverse effects

Product:
Additional ecological information: There is no data available for this product.

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.

European Waste Catalogue: 06 02 00 wastes from the MFSU of bases

Contaminated packaging: 15 01 10* packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards
Not regulated as a dangerous good

14.6 Special precautions for user

No data available

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

Not applicable

SECTION 15: Regulatory information

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

<table>
<thead>
<tr>
<th>Prohibition/Restriction</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).</td>
<td>: None of the components are listed (=&gt; 0.1 %).</td>
</tr>
<tr>
<td>REACH - List of substances subject to authorisation (Annex XIV)</td>
<td>: Not applicable</td>
</tr>
</tbody>
</table>

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

Not applicable

VOC-CH (VOCV) : no VOC duties
VOC-EU (solvent) : < 0.01 %

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of H-Statements

| H315                                      | Causes skin irritation. |
| H319                                      | Causes serious eye irritation. |
Full text of other abbreviations

Eye Irrit.  Eye irritation
Skin Irrit.  Skin irritation
ADR  Accord européen relatif au transport international des marchandises
      Dangereuses par Route
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 dosis (the amount of a material, given all at once, which
      causes the death of 50% (one half) of a group of test animals)
LC50  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
        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

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!