

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

- **1.1 Product identifier**
- **Trade name:** SIP-SOL WM 1
- **Article number:** 7006
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Leather auxiliary
Paint
Restricted to professional users.
- **Uses advised against** Not suitable for use in homemaker (DIY) applications.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Jakob Keck Chemie GmbH
Zweibrückerstr.189
66954 Pirmasens
Tel.: 06331 537-0
Fax.: 06331 537-211
- **Informing department:**
Product safety department.
e-mail: sdb@keck-chemie.com
- **1.4 Emergency telephone number:**
Monday - Friday 9 a.m. - 4 p.m.,
Mr. Eric Zimmer Tel.: +49 6331 537 170
 Fax.: +49 6331 537 211

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Precautionary statements**
P501 Dispose of contents / container in accordance with local / regional / national / international regulations.
- **Additional information:**
Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Substances**
- **CAS No. Designation:**
7732-18-5 water, distilled, conductivity or of similar purity
- **Identification number(s):**
- **EC number:** 231-791-2

· **3.2 Mixtures**

CAS: 7732-18-5	water, distilled, conductivity or of similar purity	50 - 100%
EINECS: 231-791-2		

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	cationic surfactant	≤ 0.2%
EINECS: 270-115-0	Benzenesulfonic acid, mono-C10-14-alkyl derivs.	≤ 0.2%
Reg.nr.: 01-2119489428-22-XXXX	⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	

· **Description:** Mixture of the substances listed below with harmless additions.

· **Dangerous components:** Void

· **Additional information** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information**

Instantly remove any clothing soiled by the product.

No special measures required.

Laundry contaminated clothing before reuse.

Seek medical advice.

· **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

Consult a doctor in the event of a skin reaction.

· **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· **After swallowing**

Rinse out mouth.

Seek medical advice.

A person vomiting while lying on their back should be turned onto their side.

Never give anything by mouth to an unconscious person.

· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Information for doctor** treat symptomatically

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

No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

· **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

· **5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire

Carbon monoxide and carbon dioxide

· **5.3 Advice for firefighters**

· **Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear self-contained breathing apparatus.

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

· **6.2 Environmental precautions:**

Prevent from spreading (e.g. by damming-in or oil barriers).

Do not allow to enter drainage system, surface or ground water.

Inform respective authorities in case product reaches water or sewage system.

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*Do not allow to enter the ground/soil.**If material reaches soil inform authorities responsible for such cases.***· 6.3 Methods and material for containment and cleaning up:***Stop leak if you can do so without risk.**Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**For large amounts: Pump off product.**Dispose of the material collected according to regulations.***· 6.4 Reference to other sections***No dangerous materials are released.**See Section 7 for information on safe handling**See Section 8 for information on personal protection equipment.**See Section 13 for information on disposal.***SECTION 7: Handling and storage****· 7.1 Precautions for safe handling***Do not eat, drink or smoke while working.**The usual precautionary measures should be adhered to general rules for handling chemicals.**Store in cool, dry place in tightly closed containers.**Ensure good ventilation/exhaustion at the workplace.***· Information about protection against explosions and fires:** *No special measures required.***· 7.2 Conditions for safe storage, including any incompatibilities****· Storage****· Requirements to be met by storerooms and containers:***Provide floor trough without outlet.**Prevent any penetration into the ground.**Store in cool location.**Store only in the original container.***· Information about storage in one common storage facility:***Store away from foodstuffs.**Store away from oxidising agents.***· Further information about storage conditions:***Keep container tightly sealed.**Protect from frost.**Store in a cool place.***· Recommended storage temperature:** *5 - 30 °C***· Storage class 12** *(non-flammable liquids)***· 7.3 Specific end use(s)** *No further relevant information available.***SECTION 8: Exposure controls/personal protection****· Additional information about design of technical systems:** *No further data; see item 7.***· 8.1 Control parameters****· Components with limit values that require monitoring at the workplace:***The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.***· DNELs** *No further relevant information available.***· PNECs** *No further relevant information available.***· Additional information:***The lists that were valid during the compilation were used as basis.**Note: Information about recommended monitoring procedures can be obtained from the relevant agency(ies)/ institute(s): for the United Kingdom: UK Health and Safety Executive (HSE)***· 8.2 Exposure controls****· Personal protective equipment****· General protective and hygienic measures***The usual precautionary measures should be adhered to general rules for handling chemicals.**Wash hands during breaks and at the end of the work.*

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Do not eat, drink or smoke while working.

· **Breathing equipment:**

Not necessary if room is well-ventilated.

Filter A/P2.

· **Protection of hands:**

Protective gloves.

To avoid skin problems reduce the wearing of gloves to the required minimum.

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

After use of gloves apply skin-cleaning agents and skin cosmetics.

· **Material of gloves**

Butyl rubber, BR

Nitrile rubber, NBR

Recommended thickness of the material: >0,5 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR

· **Not suitable are gloves made of the following materials:**

Strong gloves

Leather gloves

· **Eye protection:** Safety glasses recommended during refilling.

· **Body protection:** Protective work clothing.

· **Limitation and supervision of exposure into the environment**

Do not allow to enter drainage system, surface or ground water.

Do not allow to enter the ground/soil.

Prevent from spreading (e.g. by damming-in or oil barriers).

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Fluid

Colour: Yellowish

· **Odour:** Light

· **Odour threshold:** Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range: 0 °C

Boiling point/Boiling range: 100 °C
(water)

· **Flash point:** Not determined

· **Ignition temperature:** Not applicable

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Critical values for explosion:**

Lower: Not determined.

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Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa (water)
· Density at 20 °C	1 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	Fully miscible
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic at 20 °C:	12 s (DIN 53211/4)
· Solvent content:	
Organic solvents:	0.0 %
Water:	99.7 %
Solids content:	0.3 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Protect from frost.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **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 hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity**
- **LD/LC50 values that are relevant for classification:**
Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** No further relevant information available.
- **Serious eye damage/irritation** No further relevant information available.
- **Respiratory or skin sensitisation**
No sensitizing effect known.
The product has not been tested. The statement has been derived from the properties of the individual components.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
- **Acute effects (acute toxicity, irritation and corrosivity)** No further relevant information available.
- **Specific target organ systemic toxicity (STOT), single exposure:**
The available information is not sufficient for evaluation.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** No data available concerning mutagenic effects.
- **Carcinogenicity** No data available concerning carcinogenic effects.
- **Reproductive toxicity** No data available concerning reproduction toxicity.
- **Developmental toxicity (teratogenicity)** No data available concerning teratogenic effects.

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- **Germ cell mutagenicity** No data available concerning mutagenic effects.
- **STOT-single exposure** The available information is not sufficient for evaluation.
- **STOT-repeated exposure** The available information is not sufficient for evaluation.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **Behaviour in environmental systems:**
Water:
Fully miscible
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:**
contains no adsorbable organically bound halogens (AOX)
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Avoid transfer into the environment.
Do not allow product to reach ground water, water bodies or sewage system.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.
None disposal into waste water.
- **Waste disposal key number:**
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
- **European waste catalogue**
08 01 12
Waste generated from production, formulation, application and removal of paints and varnishes - waste paint and varnish other than those mentioned in 08 01 11.
Please check the waste code from the origin in your company.
NOTE: These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use. Waste producers need to assess the actual process used when generating the waste and its contaminants in order to assign the proper waste disposal code(s).
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Packaging can be reused or recycled after cleaning.
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---------------------------------------|------|
| · 14.1 UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |

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· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	Void
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	
· Marine pollutant:	No
· 14.6 Special precautions for user	Not applicable.
· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	-
· Excepted quantities (EQ)	NOT SUBJECT TO ADR
· Transport category	-
· Tunnel restriction code	-
· UN "Model Regulation":	-

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.
- National regulations
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations
TRGS 510 "Storage of hazardous substances in non-stationary containers "
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing data specification sheet: Laboratory
- Contact:
Monday - Friday 9 a.m. - 4 p.m.,
Mr. Eric Zimmer Tel.: +49 6331 537 170
 Fax.: +49 6331 537 211
- Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)

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GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

DNEL: Derived No-Effect Level (REACH)

bw: bodyweight

Langz., Langzeit: chronic exposure,

akut: acute (exposure)

lokal: local effects

system., systemisch: systemic effects

PNEC (Predicted No-Effect Concentration)

LC₅₀: lethal concentration for 50 percent of the animals or plants used for testingLD₅₀: lethal dose for 50 percent of the animals used for testingLD₀: lethal concentration for 0 percentLD₀: lethal dose for 0 percent

nb / n.b. : not determined

theoret. O₂-Bedarf: theoretical oxygen demand

AOX: adsorbable organically bound halogens

TRGS: technische Regeln für Gefahrstoffe (technical rules for dealing with dangerous substances)

Merkblatt BG-Chemie: datasheet of the "Berufsgenossenschaft Rohstoffe und chemische Industrie" (former: "Berufsgenossenschaft Chemie") (German insurance in case of accidents at work)

Langz., Langzeit: Long-term exposure

akut: Acute / short-term exposure

systemisch: systemic

lokal: local

n.a.: not applicable

(derived fr. data f. similar substances, intern. rep.) = derived from data from tests with similar substances, internal reports, not published

Vert.koeff.Bod./Wass = Partition Coefficient soil / water

n.v.: not available

Susp.: suspension

H: the product is skin-resorbing

Algentoxizität: toxicity for algae

Bakterientoxizität: toxicity for bacteria

Daphnientoxizität: toxicity for Daphnia

Fischtoxizität: toxicity for fishes

DOC: dissolved organic carbon

Halbwertszeit: half-life

DIN: Norm des Deutschen Instituts für Normung = standard of the German Institute for Standardization

EN: Europäische Norm = standard of the European Committee for Standardization (CEN)

OECD: OECD Test Guideline

pos. : positive

neg. : negative

inh., inhal. : inhalative

NOEC (No Observed Effect Concentration),

NOEL (No Observed Effect Level),

NOAEL (No Observed Adverse Effect Level): denotes the level of exposure of an organism at which there is no effect in the exposed population.

NOELR (No-Observed-Effect-Loading Rate)

ATE (Acute Toxicity Estimates)

· *** Data compared to the previous version altered.**