

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010



Article No.: 128
Print date: 26.02.2018
Version: 2.1

Scheidel-macs SG 94
Revision date: 27.06.2016
Issue date: 08.07.2015

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

1.1. product identifiers

Article No. (manufacturer/supplier): 128
Identification of the substance or mixture: Scheidel-macs SG 94
Abbeizer

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

Relevant identified uses

Paint remover for removing dispersion paints. Suitable for use outside and inside.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Scheidel GmbH & Co. KG

Jahnstraße 38-42

D-96114 Hirschaid

Germany

Telephone: + 49 (0)9543 8426 0

Telefax: + 49 (0)9543 8426 31

Dept. responsible for information:

Lab - Application Technology

E-mail (competent person)

+ 49 (0)9543 8426 19

sicherheit@scheidel.com

1.4. Emergency telephone number

Emergency telephone number

Telephone-daytime: + 49 (0)9543 8426 19

Telephone-at night: + 49 (0)9543 8426 18

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 hazardous according to regulation (EC) No 1272/2008 [CLP].

Eye Irrit. 2 / H319

Serious eye damage/eye irritation

Causes serious eye irritation.

Classification according to Directive 67/548/EEC or 1999/45/EC

The mixture is classified as not hazardous according to Directive 1999/45/EC.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

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

Hazard pictograms



Warning

Hazard statements

H319

Causes serious eye irritation.

Precautionary statements

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P280

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

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313

If eye irritation persists: Get medical advice/attention.

P362 + P364

Take off contaminated clothing and wash it before reuse.

P501

Dispose of contents/container to industrial incineration plant.

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

contains:

not applicable

Supplemental Hazard information (EU)

not applicable

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Labelling (67/548/EEC or 1999/45/EC)

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

not applicable

Special provisions concerning the labelling of certain mixtures

not applicable

2.3. **Other hazards**

SECTION 3: Composition/ information on ingredients

3.2. **Mixtures**

Product description / chemical characterization

Description Solvent / Surfactant mixture, thixotropic

Hazardous ingredients

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

EC No. CAS No. INDEX No.	REACH No. Chemical name classification:	Wt % Remark
918-481-9	01-2119457273-39-0000	
649-327-00-6	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Asp. Tox. 1 H304	2,5 < 10
209-406-4	01-2119491296-29-0000	
577-11-7	Sulfosuccinic Acid Bis(2-ethylhexyl) Ester Sodium Salt Skin Irrit. 2 H315 / Eye Dam. 1 H318	< 2,5
205-524-5	01-2119524002-60-0000	
142-16-5	Bis(2-ethylhexyl) maleate STOT RE 2 H373 / Aquatic Chronic 1 H410	< 2,5

Classification according to Directive 67/548/EEC or 1999/45/EC

EC No. CAS No. INDEX No.	REACH No. Chemical name classification:	Wt % Remark
918-481-9	01-2119457273-39-0000	
649-327-00-6	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics Xn; R65 / R66	2,5 < 10
209-406-4	01-2119491296-29-0000	
577-11-7	Sulfosuccinic Acid Bis(2-ethylhexyl) Ester Sodium Salt Xi; R38-41	< 2,5

Additional information

Full text of R-phrases: see section 16.

Full text of H-phrases: see section 16.

Labelling for contents according to regulation (EC) No. 648/2004:

< 5 %	Soap
< 5 %	Anionic Surfactants
5 < 15 %	aliphatic hydrocarbons

SECTION 4: First aid measures

4.1. **Description of first aid measures**

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

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Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

not applicable

SECTION 5: Firefighting measures

5.1. **Extinguishing media**

Suitable extinguishing media:

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons:

strong water jet

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

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. **Special protective equipment for firefighters**

Provide a conveniently located respiratory protective device.

Additional information

Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. **Personal precautions, protective equipment and emergency procedures**

Ventilate affected area. Do not breathe vapours. See protective measures under point 7 and 8.

6.2. **Environmental precautions**

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

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

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4. **Reference to other sections**

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. **Precautions for safe handling**

Advices on safe handling

Avoid contact with skin, eyes and clothes. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

7.2. **Conditions for safe storage, including any incompatibilities**

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Hints on joint storage

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Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 35 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

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

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values:

INDEX No. not applicable / CAS No.

DNEL:

Sulfosuccinic Acid Bis(2-ethylhexyl) Ester Sodium Salt

EC No. 209-406-4 / CAS No. 577-11-7

- DNEL long-term dermal (systemic), Workers: 31,3 mg/kg
- DNEL long-term inhalative (systemic), Workers: 44,1 mg/m³
- DNEL long-term oral (repeated), Consumer: 18,8 mg/kg
- DNEL long-term dermal (systemic), Consumer: 18,8 mg/kg
- DNEL long-term inhalative (systemic), Consumer: 13 mg/m³

Bis(2-ethylhexyl) maleate

EC No. 205-524-5 / CAS No. 142-16-5

- DNEL long-term dermal (local), Workers: 3,91 mg/kg
- DNEL long-term dermal (systemic), Workers: 0,42 mg/kg
- DNEL long-term inhalative (local), Workers: 1,95 mg/m³
- DNEL long-term inhalative (systemic), Workers: 1,95 mg/m³

PNEC:

Sulfosuccinic Acid Bis(2-ethylhexyl) Ester Sodium Salt

EC No. 209-406-4 / CAS No. 577-11-7

- PNEC aquatic, freshwater: 0,0066 mg/l
- PNEC aquatic, marine water: 0,0007 mg/l
- PNEC sediment, freshwater: 0,653 mg/kg
- PNEC sediment, marine water: 0,0653 mg/kg
- PNEC, soil: 0,138 mg/kg
- PNEC sewage treatment plant (STP): 122 mg/l

Bis(2-ethylhexyl) maleate

EC No. 205-524-5 / CAS No. 142-16-5

- PNEC aquatic, freshwater: 0,001 mg/l
- PNEC aquatic, marine water: 0,0001 mg/l
- PNEC sediment, freshwater: 15,95 mg/kg
- PNEC sediment, marine water: 1,595 mg/kg
- PNEC, soil: 3,19 mg/kg
- PNEC sewage treatment plant (STP): 100 mg/l

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number. Suitable respiratory protection apparatus: Combination filter A2/P2

Hand protection

For prolonged or repeated handling the following glove material must be used: KCL Camatril
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) >480 min.

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Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties *

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

Appearance:

Physical state solid
Colour yellowish
Odour fruity

Safety relevant basis data	Unit	Method	Remark
Flash point (°C)	62 °C	Pensky-Martens	
Ignition temperature in °C:	190 °C	literature value	
Lower explosion limit	0,9 Vol-%	calculated	
Upper explosion limit	44 Vol-%	calculated	
Vapour pressure at20 °C:	1 mbar	literature value	
Density at20 °C:	1,04 g/cm³	Pycnometer	
Water solubility (g/L)	emulsified		
pH at20 °C:	7.5 - 8.0	1,0	pH-electrode
Viscosity at °C	4000-7000 mPas		

9.2. **Other information:**

not applicable

SECTION 10: Stability and reactivity

10.1. **Reactivity**

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information *

No data on preparation itself available.

11.1. **Information on toxicological effects**

Acute toxicity

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
oral, LD50, Rat: > 5000 mg/kg
Method: OECD 401
dermal, LD50, Rabbit: > 5000 mg/kg
Method: OECD 402

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inhalative (vapours), LC50, Rat: > 4951 mg/l (4 h)
Method: OECD 403

Irritant and corrosive effects

Sulfosuccinic Acid Bis(2-ethylhexyl) Ester Sodium Salt
Skin, Rabbit
Method: OECD 404
Causes skin irritation.
eyes, Rabbit
Method: OECD 405
Causes serious eye damage..

Sensitisation

Toxicological data are not available.

Specific target organ toxicity

Bis(2-ethylhexyl) maleate
Specific target organ toxicity (repeated exposure):
May cause damage to kidneys through prolonged or repeated exposure if swallowed.

Aspiration hazard

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Aspiration hazard

Practical experience/human evidence

Other observations:
Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this preparation do not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

There is no information available on the preparation itself . The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

This product does not contain any chlorinated or aromatic hydrogens. Nevertheless, adopt common precautions when handling organic solvents.

Attention!

Excessive exposure to, for example, with poor ventilation indoors can cause blurry vision. This is reversible with fresh air.

SECTION 12: Ecological information

overall evaluation

There is no information available on the preparation itself .
Do not allow to enter into surface water or drains.

12.1. **Toxicity**

No information available.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. **Persistence and degradability**

Toxicological data are not available.

12.3. **Bioaccumulative potential**

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. **Mobility in soil**

Toxicological data are not 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. **Other adverse effects**

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This product is decomposable in treatment plants with a biological treatment stage. Expert opinion on the biological decomposability is available and can be obtained from us.

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Waste water with paint remover:

Always collect the waste water and run it through a filter, gravel trap, sand trap, etc., in order to remove solid particles. Caution in case of a channel separation system. Obtain information from the relevant authorities. After inquiring with the local authorities, waste water can usually be directed into the sewerage system.

Paint sludge:

The separated paint sludge is considered domestic or special waste (heavy metals?) according to its composition.

List of proposed waste codes/waste designations in accordance with EWC

080121 waste paint or varnish remover
080117 wastes from paint or varnish removal containing organic solvents or other dangerous substances

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Marine pollutant

not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code

-

Sea transport (IMDG)

EmS-No.

not applicable

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU legislation

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Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline).

VOC-value (in g/L) ISO 11890-2: 237,750
VOC-value (in g/L) ASTM D 2369: 237,750

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

GISCODE:M-AB10

15.2. **Chemical Safety Assessment**

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

EC No. CAS No.	Chemical name	REACH No.
918-481-9	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-2119457273-39-0000

SECTION 16: Other information

Relevant R-and H-phrases (Number and full text):

Asp. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
STOT RE 2 / H373	Specific target organ toxicity (repeated exposure)	May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Aquatic Chronic 1 / H410	Hazardous to the aquatic environment	Very toxic to aquatic life with long lasting effects.
Xi; R38-41	Irritant	Irritating to skin. Risk of serious damage to eyes.
Xn; R65 R66	Harmful	Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Further information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

* Data changed compared with the previous version