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

1.1 Product identifier

Trade name: edisonite® classic

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

Use of the Substance/Mixture: Cleaning agent

Recommended restrictions on use: Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Producer/Supplier: Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt
Germany
Telephone: +4940521000
Telefax: +494052100318
mail@schuelke.com
www.schuelke.com

Contact person: Application Department HI
+49 (0)40 521 00 544
ADHI@schuelke.com
(Schülke & Mayr UK Ltd.: +44-1142543500)

1.4 Emergency telephone number

Emergency telephone number: UK Poisons Emergency number: 0870 600 6266
Emergency telephone number: +49 (0)40 / 52 100 –0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Skin irritation, Category 2: H315: Causes skin irritation.
Serious eye damage, Category 1: H318: Causes serious eye damage.
Specific target organ toxicity - single exposure, Category 3: H335: May cause respiratory irritation.

Classification (67/548/EEC, 1999/45/EC)

Irritant: R36/37/38: Irritating to eyes, respiratory system and skin.

2.2 Label elements

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

Signal word: Danger

Hazard statements:
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.

Precautionary statements:
- P261: Avoid breathing dust.
- P280: Wear protective gloves/eye protection.
- P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Hazardous components which must be listed on the label:
- 7722-88-5 Tetranatrium pyrophosphate

Special labelling of certain mixtures: Labelling according to Regulation (EC) No. 648/2004: (>30% Phosphates, < 5% anionic surfactants, < 5 % non-ionic surfactants.)

2.3 Other hazards
This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT). No special risks known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Chemical nature: Mixture with the following substances and non dangerous additives.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index-Number CAS-No. EC-No. Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trisodium orthophosphate</td>
<td>7601-54-9 231-509-8</td>
<td>Xi; R36/37/38</td>
<td>Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335</td>
<td>&lt;= 40 %</td>
</tr>
<tr>
<td>Sodium dodecyl sulphate</td>
<td>151-21-3 205-788-1</td>
<td>F; R11 Xn; R20/22 Xi; R37/38 Xi; R41</td>
<td>Flam. Sol. 2; H228 Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Irrit. 2; H315</td>
<td>&lt;= 5 %</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1 Description of first aid measures
- **If inhaled**: Move to fresh air. If symptoms persist, call a physician.
- **In case of skin contact**: Wash with water and soap as a precaution. If symptoms persist, call a physician.
- **In case of eye contact**: In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
- **If swallowed**: Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed
- **Symptoms**: Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed
- **Treatment**: For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media
- **Suitable extinguishing media**: Dry powder, Foam, Water spray jet, Carbon dioxide (CO2)
- **Unsuitable extinguishing media**: High volume water jet

5.2 Special hazards arising from the substance or mixture
- **Specific hazards during firefighting**: Dust can form an explosive mixture in air.
- **Specific risk from the substance or the product itself, its combustion products or evolved gases**: Fire may cause evolution of; Carbon oxides, Sulphur oxides, Oxides of phosphorus

5.3 Advice for firefighters
- **Special protective equipment for firefighters**: In the event of fire, wear self-contained breathing apparatus.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Personal precautions : Use personal protective equipment. Do not breathe dust.

6.2 Environmental precautions
Environmental precautions : Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

6.3 Methods and material for containment and cleaning up
Methods for cleaning up : Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4 Reference to other sections
see Section 8 + 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advice on safe handling : Prepare the working solution as given on the label(s) and/or the user instructions.
Advice on protection against fire and explosion : No special protective measures against fire required.
Hygiene measures : Avoid contact with the skin and the eyes. Do not breathe dust.

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. Unsuitable materials for containers Aluminium

Further information on storage conditions : Keep away from direct sunlight. Keep away from heat.
Advice on common storage : No materials to be especially mentioned.

7.3 Specific end use(s)
Specific use(s) : none

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
none

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:
Sodium dodecyl sulphate : End Use: Workers, Exposure routes: Skin contact, Potential health effects: Long-term systemic effects, Value: 4060 mg/kg End Use: Workers, Exposure routes: Inhalation, Potential health effects: Long-term systemic effects, Value: 285 mg/m3
Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Sodium dodecyl sulphate:
- Fresh water, Value: 0,137 mg/l
- Marine water, Value: 0,0137 mg/l
- Fresh water sediment, Value: 4,82 mg/kg
- Marine sediment, Value: 0,482 mg/kg
- Soil, Value: 0,882 mg/kg
- Intermittent use/release, Value: 0,055 mg/l

8.2 Exposure controls

Personal protective equipment:
- Eye protection: Safety glasses with side-shields conforming to EN166
- Hand protection: Splash protection: disposable nitrile rubber gloves e.g. Dermatril (layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection. Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min., layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.
- Respiratory protection: Breathing apparatus only if aerosol or dust is formed. ABEK-filter

Protective measures:
- Avoid contact with skin and eyes.

Environmental exposure controls:
- General advice: Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>powder</td>
</tr>
<tr>
<td>Colour</td>
<td>light green</td>
</tr>
<tr>
<td>Odour</td>
<td>odourless</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>11,5, Concentration: 10,00 g/l, 20 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>&gt; 300 °C</td>
</tr>
<tr>
<td>Boiling point/boiling range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable,</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>850 kg/m³</td>
</tr>
<tr>
<td>Water solubility</td>
<td>&gt; 100 g/l, 20 °C</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
</tbody>
</table>
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
None reasonably foreseeable.

10.4 Conditions to avoid
Exposure to moisture Avoid dust formation. Heat

10.5 Incompatible materials
Aluminium, Strong acids

10.6 Hazardous decomposition products
None reasonably foreseeable.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute oral toxicity</td>
<td>Acute toxicity estimate: 2216 mg/kg, Estimation of acute oral toxicity, in accordance with the calculation method presented in the GHS (Globally Harmonized System), Part 3, Chapter 3.1)</td>
</tr>
<tr>
<td>Acute inhalation toxicity</td>
<td>Acute toxicity estimate: &gt; 50 mg/l, in accordance with the calculation method presented in the GHS (Globally Harmonized System), Part 3, Chapter 3.1)</td>
</tr>
<tr>
<td>Acute dermal toxicity</td>
<td>Acute toxicity estimate: &gt; 5000 mg/kg, in accordance with the calculation method presented in the GHS (Globally Harmonized System), Part 3, Chapter 3.1)</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation

<table>
<thead>
<tr>
<th>Product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Causes skin irritation., Calculation method</td>
<td></td>
</tr>
</tbody>
</table>

Serious eye damage/eye irritation

<table>
<thead>
<tr>
<th>Product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Causes serious eye damage., Calculation method</td>
<td></td>
</tr>
</tbody>
</table>

Respiratory or skin sensitisation

<table>
<thead>
<tr>
<th>Components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Trisodiumorthophosphate:</td>
<td></td>
</tr>
</tbody>
</table>

9.2 Other information

No data available
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

edisonite® classic  
No Change Service!
Version 04.00  
Revision Date 26.03.2015  
Date of last issue 03.03.2014  
Date of first issue 28.01.2014

This information is not available.

Sodium dodecyl sulphate:
Did not cause sensitisation on laboratory animals.

Germ cell mutagenicity

Components:
Trisodium orthophosphate:  
Germ cell mutagenicity- Assessment: No data available
Sodium dodecyl sulphate:  
Genotoxicity in vitro: not mutagenic OECD Test Guideline 471  
Germ cell mutagenicity- Assessment: not mutagenic

Carcinogenicity

Components:
Trisodium orthophosphate:  
Carcinogenicity - Assessment: No data available
Sodium dodecyl sulphate:  
Carcinogenicity - Assessment: Not classifiable as a human carcinogen.

Reproductive toxicity

Components:
Trisodium orthophosphate:  
Reproductive toxicity - Assessment: No data available  
Teratogenicity - Assessment: No data available
Sodium dodecyl sulphate:  
Reproductive toxicity - Assessment: No toxicity to reproduction  
Teratogenicity - Assessment: According to experience not expected

STOT - single exposure

Product
May cause respiratory irritation.

STOT - repeated exposure
No data available

Aspiration toxicity
No data available

Further information

Product
The product has not been tested.

SECTION 12: Ecological information

12.1 Toxicity
Components:
Trisodium orthophosphate:
Toxicity to fish: LC50 (Leuciscus idus (Golden orfe)): 2,400 mg/l
Toxicity to daphnia and other aquatic invertebrates: No data available
Toxicity to algae: No data available
Sodium dodecyl sulphate:
Toxicity to fish: LC50: > 10 - < 100 mg/l, OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates: EC50: > 1 - < 10 mg/l
Toxicity to algae: EC50: > 100 mg/l
Toxicity to fish (Chronic toxicity): NOEC: > 1 - < 10 mg/l

12.2 Persistence and degradability
Components:
Trisodium orthophosphate:
Biodegradability: No data available
Sodium dodecyl sulphate:
Biodegradability: Readily biodegradable, according to appropriate OECD test.

12.3 Bioaccumulative potential
Components:
Trisodium orthophosphate:
Bioaccumulation: No data available
Sodium dodecyl sulphate:
Bioaccumulation: Bioaccumulation is unlikely.

12.4 Mobility in soil
Components:
Trisodium orthophosphate:
Mobility: No data available
Sodium dodecyl sulphate:
Mobility: No data available

12.5 Results of PBT and vPvB assessment
Product
This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

12.6 Other adverse effects
Product
Additional ecological information: none

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Product: Dispose of the product according to the defined EWC (European Waste Code) No.
Contaminated packaging: Take empty packaging to the recycling plant.
Waste key for the unused product: European waste catalog (EWC) 070601
Waste key for the unused product (Group): Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.

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
For personal protection see section 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Legislation on the control of major-accident hazards involving dangerous substances: Directive 96/82/EC does not apply
Volatile organic compounds: none, Directive 2010/75/EC on the limitation of emissions of volatile organic compounds
Other regulations: The surfactant(s) contained in this mixture complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

15.2 Chemical Safety Assessment
Exempt
SECTION 16: Other information

Full text of R-Phrases

R11 : Highly flammable.
R20/22 : Harmful by inhalation and if swallowed.
R36/37/38 : Irritating to eyes, respiratory system and skin.
R37/38 : Irritating to respiratory system and skin.
R41 : Risk of serious damage to eyes.

Full text of H-Statements

H228 : Flammable solid.
H302 : Harmful if swallowed.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H322 : Harmful if inhaled.
H335 : May cause respiratory irritation.
H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Chronic : Chronic aquatic toxicity
Eye Dam. : Serious eye damage
Eye Irrit. : Eye irritation
Flam. Sol. : Flammable solids
Skin Irrit. : Skin irritation
STOT SE : Specific target organ toxicity - single exposure

Further information

Changes compared with the previous edition!!!

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.