

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

- **Product identifier**
- **Trade name:** **INTRASIT SE-SL 18DD**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**  
Solvent-free, ready for use cleaning solution for removing mildew and green algae coverings.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Heinrich Hahne GmbH & Co. KG  
Heinrich-Hahne-Weg 11  
45711 Datteln Tel.: 02363/5663-0
- **Further information obtainable from:**  
Abteilung: Produktsicherheit  
Tel.: 02363 5663-0  
EMail: info@hahne-bautenschutz.de
- **Emergency telephone number:**  
Giftinformationszentrum Nord (GIZ Nord) Universität Göttingen,  
Tel.: 0551-19240

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



Skin Irrit. 2 H315 Causes skin irritation.

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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
Not applicable.  
BAuA-Reg. No.: N-34505
  - **Information concerning particular hazards for human and environment:**  
Safety data sheet available on request.
  - **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
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- **Label elements**
  - **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
  - **Other hazards** This preparation is a biocide according RL 98/8/EG.
  - **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization:** **Mixtures**
- **Description:** Aqueous solution of an quaternary ammonium compound.
- **Dangerous components:**

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**Trade name: INTRASIT SE-SL 18DD**

CAS: 61789-71-7 EINECS: 263-080-8	Cocoalkyl dimethylbenzyl ammoniumchlorid C R34; Xn R21/22; N R50 Skin Corr. 1B, H314; Aquatic Acute 1, H400; Acute Tox. 4, H302; Acute Tox. 4, H312	(Contd. of page 1) 1.0 - 2.5%
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**Additional information:**

For the wording of the listed risk phrases refer to section 16.

The ingredient with CAS-No. 61789-71-7 is also on the CAS-No. 63449-41-2, 68391-01-5, 8001-54-4 and 68424-85-1 identified. The CAS-No. 67424-85-1 is listed in Annex II of Regulation 2003/2032/EG (ReviVO) and reporting under the Biocide Notification Ordinance (ChemBiozidMeldeV) to be used by 24/05/05.

Ingredients according to EC Detergents Regulation 648/2004: 5% cationic surfactants

#### 4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

#### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
No special measures required.  
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards arising from the substance or mixture**  
In a case of fire, toxic combustion products are released, such as: nitrogen oxides (NO<sub>x</sub>), hydrogen chloride (HCl), carbon monoxide (CO).
- **Advice for firefighters**
- **Protective equipment:** Wear fully protective suit.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Avoid contact with skin and eyes.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections** No dangerous substances are released.

#### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** Open and handle receptacle with care.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Only store in original, unopen containers.
- **Information about storage in one common storage facility:** Do not store with food.

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· **Further information about storage conditions:** Protect from frost.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients 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.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
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.
- **Eye protection:** Goggles recommended during refilling

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	transparent
<b>Odour:</b>	Characteristic
- **pH-value at 20°C:** 6-9
- **Change in condition**  
**Melting point/Melting range:** Undetermined.
- **Flash point:** Not applicable.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Vapour pressure at 20°C:** 23 hPa
- **Density at 20°C:** 1 g/cm<sup>3</sup>
- **Solubility in / Miscibility with water:** Fully miscible.

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· **Solvent content:**  
**Organic solvents:** 0.0 %

### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

**61789-71-7 Cocoalkyl dimethylbenzyl ammoniumchlorid**

Oral	LD50	600 mg/kg (rat)
Dermal	LD50	1560 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:**

Even weak irritants can damage the skin on prolonged contact. Follow after contact with the product, the first-aid measures (see Section 4).

- **on the eye:** Slightly irritating

- **Sensitization:** Sensitizing effect by skin contact is possible with prolonged exposure.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

**61789-71-7 Cocoalkyl dimethylbenzyl ammoniumchlorid**

EC50 / 48h	0.016 mg/l (Dap)
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- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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### 13 Disposal considerations

- **Waste treatment methods**

- **European waste catalogue**

07 04 01	aqueous washing liquids and mother liquors
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- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- **Special precautions for user** Not applicable.

- **Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

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

- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
Wasser	97.5
I	2.5

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H400 Very toxic to aquatic life.

R21/22 Harmful in contact with skin and if swallowed.

R34 Causes burns.

R50 Very toxic to aquatic organisms.

- **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent