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**SAFETY DATA SHEET**

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Product Name: Bacti Clean
- Product Part Number: SWC011BC
- UFI: Not available

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

- Use of the substance/mixture: Cleaning agent

**1.3 Details of the supplier of the safety data sheet**

- Name of Supplier: Chemical Express Ltd.,
- Address of Supplier: Unit 2, Atworth Business Park  
Atworth  
Wilts  
SN12 8SB
- Telephone: +44 (0) 7974 211070
- Responsible Person: Technical Manager
- Email: Technicalchemicalexpress@gmail.com

**1.4 Emergency telephone number**

- Emergency Telephone: +44 (0) 7713 821547
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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- CLP: Skin Irrit. 2, Eye Dam. 1

**2.2 Label elements**

- Signal Word: Danger

**Hazard statements**

- Causes skin irritation.
- Causes serious eye damage.

**Precautionary statements**

- Keep out of reach of children.
  - Do not breathe spray/mists
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Get immediate medical advice/attention.
  - IF ON SKIN: Wash with plenty of soap and water.
  - If skin irritation occurs: Get medical advice/attention.
  - Take off contaminated clothing and wash it before reuse.
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**SECTION 2: Hazards identification (....)**

Avoid release to the environment.

**2.3 Other hazards**

- Contains: Didecyldimethylammonium Chloride  
Tetrasodium EDTA  
Alcohols, C9-11, ethoxylated

**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Chemical Name	CAS Number	EC Number	Concentration	REACH Registration Number	H Statements	M factor, acute
Didecyldimethylammonium Chloride	7173-51-5	230-525-2	1 - 5 %	01-2119945987-15	H302 H314 H318 H400	10
Tetrasodium EDTA	64-02-8	200-573-9	1 - 5 %		H302 H314 H332	
Alcohols, C9-11, ethoxylated	68439-46-3	931-514-1	1 - 5 %		H302;H318	

Chemical Name	M factor	Categories
Didecyldimethylammonium Chloride	10	Acute Tox. 4 Skin Corr. 1B Eye Dam. 1 STOT SE 3 Aquatic Acute 1
Tetrasodium EDTA		Acute Tox. 4 Skin Corr. 1C Eye Dam. 1
Alcohols, C9-11, ethoxylated		Acute Tox. 4 Eye Dam. 1

**SECTION 4: First aid measures****4.1 Description of first aid measures****Contact with eyes**

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

**Contact with skin**

IF ON SKIN: Wash with plenty of soap and water.  
If skin irritation occurs: Get medical advice/attention.

**Ingestion**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Never give anything by mouth to an unconscious person  
Never make an unconscious person vomit or drink fluids  
If you feel unwell, seek medical advice (show the label where possible)

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
If you feel unwell, seek medical advice (show the label where possible)

**4.2 Most important symptoms and effects, both acute and delayed****4.3 Indication of any immediate medical attention and special treatment needed**

- Immediately call a POISON CENTER or doctor/physician.

**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Do not use water jets
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

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

- May give off noxious and toxic fumes in a fire
- Smoke from fires is irritating. Take precautions to protect personnel from exposure

**5.3 Advice for firefighters**

- In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
  - May give off noxious and toxic fumes in a fire
  - Smoke from fires is irritating. Take precautions to protect personnel from exposure
  - Wear suitable protective clothing
  - Wear suitable respiratory equipment
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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Ensure adequate ventilation
- Evacuate the area
- Avoid contact with skin and eyes
- Do not breathe spray/mists.
- Wear protective gloves/protective clothing/eye protection/face protection.

**6.2 Environmental precautions****6.3 Methods and material for containment and cleaning up**

- Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).
- Absorb spillage in inert material and shovel up
- Collect spillage.
- Place in appropriate container

**6.4 Reference to other sections**

- See Section 8
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**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Avoid contact with skin and eyes
- Do not breathe spray/mists.
- Wear suitable protective clothing
- Wash thoroughly after use

**7.2 Conditions for safe storage, including any incompatibilities****7.3 Specific end use(s)**

- Cleaning agent
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Substances

Chemical Name	DNEL (Industry; dermal, long term systemic effects)	DNEL (Industry; dermal, short term systemic effects)	DNEL (Industry; inhalational, long term systemic effects)	DNEL (Industry; inhalational, short term systemic effects)	DNEL (Industry; inhalational, long term local effects)	DNEL (Consumer; inhalational, long term local effects)
Didecyl dimethylammonium Chloride	1.55 mg/kg	1.55 mg/kg	5.39 mg/m <sup>3</sup>	5.39 mg/m <sup>3</sup>		
Tetrasodium EDTA				3 mg/kg	1.5 mg/m <sup>3</sup>	0.6 mg/m <sup>3</sup>

#### Substances

Chemical Name	DNEL (Consumer; inhalational, short term local effects)	DNEL (Consumer; inhalational, short term systemic effects)	DNEL (Consumer; oral, long term systemic effects)	DNEL (Industry; inhalational, short term local effects)
Didecyl dimethylammonium Chloride				
Tetrasodium EDTA	1.2 mg/m <sup>3</sup>	1.2 mg/m <sup>3</sup>	25 mg/kg bw/day	3 mg/kg

### 8.2 Exposure controls

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Avoid contact with skin and eyes
- Do not breathe spray/mists.
- Use personal protective equipment as required.
- Wash thoroughly after handling.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Colourless
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: Not available
- Flammability: No information available
- pH: 10 - 12
- Solubility in water:
- Density: 1.00 - 1.04 g/cm<sup>3</sup>
- Flashpoint: >93°C

### 9.2 Other information

- No information available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

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**SECTION 10: Stability and reactivity (....)**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- No hazardous reactions known if used for its intended purpose

**10.4 Conditions to avoid**

- Avoid contact with acids and alkalis
- Keep in a cool, well ventilated place
- Protect from heat and direct sunlight.

**10.5 Incompatible materials**

- Avoid contact with acids and alkalis

**10.6 Hazardous decomposition products**

- May give off noxious and toxic fumes in a fire
  - Smoke from fires is toxic. Take precautions to protect personnel from exposure
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**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

- Estimated LD<sub>50</sub> (oral) (ATE) : 35714.29 mg/kg
- Estimated LD<sub>50</sub> (dermal) (ATE) : >4000 mg/kg
- Estimated LC<sub>50</sub> (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

**Substances**

Chemical Name	LD <sub>50</sub> (dermal)	LD <sub>50</sub> (oral, rat)
Didecylidimethylammonium Chloride	> 1000 mg/kg	329 mg/kg
Tetrasodium EDTA		> 1780 - < 2000 mg/kg/bw
Alcohols, C9-11, ethoxylated		1378 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation**

Based on the available data, the classification criteria are not met

**Germ cell mutagenicity**

Based on the available data, the classification criteria are not met

**Carcinogenicity**

Based on the available data, the classification criteria are not met

**Reproductive toxicity**

Based on the available data, the classification criteria are not met

**STOT (specific target organ toxicity) - single exposure**

Based on the available data, the classification criteria are not met

**SECTION 11: Toxicological information (....)****STOT (specific target organ toxicity) - repeated exposure**

Based on the available data, the classification criteria are not met

**Aspiration hazard**

Based on the available data, the classification criteria are not met

**11.2 Information on other hazards**

- No hazard expected under normal conditions of use

**SECTION 12: Ecological information****12.1 Toxicity****Substances**

Chemical Name	LC <sub>50</sub> (fish)	EC <sub>50</sub> (daphnia)	IC <sub>50</sub> (algae)	PNEC (Fresh water)	PNEC (Marine water)	PNEC (Sediment; fresh water)
Didecylidimethylammonium Chloride	0.49 mg/l (96 hr)	0.03 mg/l (48 hr)	0.062 mg/l (72 hr)	0.002 mg/l	0.0002 mg/l	2.82 mg/kg
Tetrasodium EDTA	41 - 532 mg/l (96 hr)					

**Substances**

Chemical Name	PNEC (Sediment; marine water)	PNEC (Soil)	PNEC (STP)
Didecylidimethylammonium Chloride	0.28 mg/kg	1.4 mg/kg	0.595 mg/l
Tetrasodium EDTA			

**12.2 Persistence and degradability**

- The surfactant(s) contained in this preparation 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.

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- miscible with water

**12.5 Results of PBT and vPvB assessment**

- Not a PBT according to REACH Annex XIII

**12.6 Endocrine disrupting properties**

- No information available

**12.7 Other adverse effects**

- No information available

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation

**SECTION 14: Transport information****Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

**14.2 UN proper shipping name**

- Proper Shipping Name: Not applicable

**14.3 Transport hazard class(es)**

- Hazard Class: Not applicable

**14.4 Packing group**

- Packing Group: Not applicable

**14.5 Road/Rail (ADR/RID)**

- ADR Classification Code:
  - Not applicable
- ADR Hazard Class: Not applicable
- Tunnel Restriction Code:
  - Not applicable

**14.6 Sea (IMDG)**

- IMDG EmS: Not applicable

**14.7 Environmental hazards**

- Not classified

**14.8 Special precautions for user**

- Not classified

**14.9 Maritime transport in bulk according to IMO instruments**

- Not applicable
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- EH40/2005 Occupational Exposure limits (UK)
- The COSHH Regulations apply in the UK

**15.2 Chemical safety assessment**

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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-  
**H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H332: Harmful if inhaled. H400: Very toxic to aquatic life.**

**Raw Material Data Sheets****EH40/2005 Occupational Exposure limits (UK)**

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**SECTION 16: Other information (....)**

**Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents: Contains amongst other ingredients:, non-ionic surfactants 1 - 5%, EDTA and salts thereof 1 - 5%, Dye**

**Disclaimer:**

**This Safety Data Sheet does not constitute a workplace risk assessment**

**The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties**

--- end of safety datasheet ---

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