

## Safety data sheet according to EC 1907/2006

Printing date 25.01.2012



Version number 12

Revision 25.01.2012

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

- **Product identifier**
- **Brandname:** CLAX ELEGANT 3CL2
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the product:** Professional fabric washing product.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Diversey BV  
Maarssebroeksedijk 2  
3542 DN Utrecht, Netherlands  
Tel. +31 (0)30-2476911  
Email: MSDS.JD-NL@johnsondiversey.com
- **Information department:** Local Technical Centre
- **Emergency telephone number:** See section 16 of this sheet.

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 Xi; Irritant  
R38-41: Irritating to skin. Risk of serious damage to eyes.
- **Classification system:**  
The classification complies with current EC regulations on dangerous substances and preparations.
- **Label elements**
- **Labelling according to EU guidelines:**  
The product has been classified and labelled in accordance with current EC Directives.
- **Code letter and hazard designation of product:**  
 Xi Irritant
- **Risk phrases:**  
38 Irritating to skin.  
41 Risk of serious damage to eyes.
- **Safety phrases:**  
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture in water of non-dangerous ingredients and the substances listed below.

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<b>· Hazardous ingredients:</b>		
CAS: 85480-55-3 EINECS: 287-335-8	monoethanolamine alkylbenzenesulphonate Xn R22; Xi R38-41	5-15%
CAS: 64425-86-1 EC number: Polymer	alkyl alcohol ethoxylate Xn R22; Xi R41; N R50	5-15%
CAS: 57-55-6 EINECS: 200-338-0	propane-1,2-diol substance with a Community workplace exposure limit	5-15%
CAS: 64425-86-1 EC number: Polymer	alkyl alcohol ethoxylate Xi R41; N R50	< 5%
CAS: 141-43-5 EINECS: 205-483-3	2-aminoethanol C R34; Xn R20/21/22; Xi R37	< 5%
CAS: 97659-53-5 EC number: 307-458-3	amines, N-C8-22-alkylpolytrimethylenepoly-, carboxymethyl derivs., sodium salts N R50	< 5%
CAS: 17511-60-3 EINECS: 241-514-7	3a,4,5,6,7,7a-hexahydro-4,7-methano-1H-inden-6-yl propionate N R51/53	< 5%

· **Additional information:** The full text of the relevant risk phrases is given in section 16.

#### 4 First aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **Inhalation:** No special measures required.
- **Skin contact:**  
Wash skin immediately and thoroughly with water. Remove contaminated clothing.  
Obtain medical attention if symptoms develop.
- **Eye contact:** Wash immediately with copious amounts of water and obtain medical attention.
- **Ingestion:**  
Rinse out mouth and then drink one or two glasses of water (or milk).  
Obtain medical attention.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

#### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing media:**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:** Dilute with plenty of water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

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- **Reference to other sections**
- See Section 7 for information on safe handling
- See Section 8 for information on personal protection equipment.
- See Section 13 for information on disposal.

### 7 Handling and storage

- **Precautions for safe handling** Use common rules for working with chemicals.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements for storage rooms and containers:** According to local legislation.
- **Storage in one common storage facility:** According to local legislation.
- **Further information about storage conditions:** None.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

#### 57-55-6 propane-1,2-diol

WEL (Great Britain)	Long-term value: 474* 10** mg/m <sup>3</sup> , 150* ppm *total vapour and particulates **particulates
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#### 141-43-5 2-aminoethanol

IOELV (Europe)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm Skin
WEL (Great Britain)	Short-term value: 7.6 mg/m <sup>3</sup> , 3 ppm Long-term value: 2.5 mg/m <sup>3</sup> , 1 ppm Sk

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures:**
- Keep away from foodstuffs, beverages and food.
- Take off immediately all contaminated clothing.
- Wash hands during breaks and at the end of the work.
- Avoid contact with the eyes and skin.
- **Breathing equipment:** Personal protection is not normally required.
- **Protection of hands:**
- Chemical-resistant protective gloves made of butyl or nitrile rubber (EN 374, category III). In consultation with the supplier of protective gloves a different type of similar quality may be chosen.
- **Eye protection:** Tightly fitting safety glasses.

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## 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

**Form:** Liquid

**Colour:** Opaque

Blue

· **Odour:** Slightly perfumed

· **Odour threshold:** Not determined.

· **pH-value:**  $9.0 < \text{pH} \leq 9.5$

· **Change in condition**

**Melting point/Melting range:** Not determined

**Boiling point/Boiling range:** Not determined

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Explosive properties:** Product is not explosive.

· **Critical values for explosion:**

**Lower:** Not determined.

**Upper:** Not determined.

· **Oxidising properties:** Not oxidising.

· **Vapour pressure:** Not determined.

· **Density at 20°C:** 1.07 g/cm<sup>3</sup>

· **Vapour density:** Not determined.

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with**

**Water:** Fully miscible

· **Segregation coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

**dynamic at 20°C:** 192 mPas

· **Other information** No further relevant information available.

## 10 Stability and reactivity

· **Reactivity** No further relevant information available.

· **Chemical stability**

Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Possibility of hazardous reactions** No dangerous reactions known

· **Conditions to avoid** No further relevant information available.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:** No dangerous decomposition products known.

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### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD50 (oral):** Based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.
- **Primary irritant effect:**
- **skin contact:** Causes irritation.
- **eye contact:** Causes severe irritation.
- **inhalation:** Causes irritation.
- **ingestion:** Causes irritation.
- **Additional toxicological information:**
- EC classification:
- Irritant
- **Sensitisation** No known effects.
- **Repeated dose toxicity** No known effects.
- **STOT-single exposure:** No known effects.
- **STOT-repeated exposure:** No known effects.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Classification:** This classification refers to the undiluted product.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Dispose of observing official regulations.

· **European waste catalogue:**

20 01 29*	detergents containing dangerous substances
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- **Uncleaned packagings**
- **Recommendation:** Dispose of observing official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### 14 Transport information

- **UN-Number**
- **ADR, IMDG, IATA** void
- **UN proper shipping name**
- **ADR, IMDG, IATA** void

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- **Transport hazard class(es)**
- **ADR, IMDG, IATA**
- **Class** void
- **Packing group**
- **ADR, IMDG, IATA** void
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:** Non-dangerous according to above regulations.

### 15 Regulatory information

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

- **Ingredients according to EC Detergents Regulation 648/2004**

anionic surfactants, non-ionic surfactants, soap	5 - 15%
phosphonates, amphoteric surfactants	< 5%
enzymes, perfumes, Butylphenyl Methylpropional, Linalool, Benzyl Salicylate, Limonene	

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

### 16 Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract.

- **Relevant phrases**
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R22 Harmful if swallowed.
- R34 Causes burns.
- R37 Irritating to respiratory system.
- R38 Irritating to skin.
- R41 Risk of serious damage to eyes.
- R50 Very toxic to aquatic organisms.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Department issuing material safety data sheet:** Local Technical Centre
- **Contact:** Local Technical Centre
- **International references:**
- **MSDS code:** MSDS1592/NL
- **Version:** 12
- **MSDS review date:** 25.01.2012

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