



## Safety Data Sheet

According to EC 1907/2006

Product name : **CLAX ACTIV 4AP1**

Preparation Date : 11.01.2011

Revision Date: 11.01.2011

Version: 7

Page: 1/10

MSDS code: MSDS1581

### 1 Identification Of The Substance/Mixture And Of The Company/Undertaking

#### Product identifier

Product name: **CLAX ACTIV 4AP1**

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

**Identified uses:** Professional laundry washing product

**Manufacturer / Supplier:** Diversey Kimya Sanayi ve Ticaret A.Ş.

Değirmenyolu Cad. Huzur Hoca Sokak No:86, 34752

İçerenköy/İstanbul

Tel: 0216 578 64 00

Fax: 0216 578 64 01

#### Emergency telephone number

Information center: Diversey Kimya Sanayi ve Ticaret A.Ş. Tel: +90 216 578 64 00

### 2 Hazards Identification

Irritating to eyes and respiratory system.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Contact with acids liberates toxic gas.

**Classification(1999/45/EEC):** Xi;R36/37. N;R51/53. R31

#### Classification system:

The classification complies with current EC regulations on dangerous substances and preparations.

### 3 Composition / Information on Ingredients

#### Chemical characterization

#### Description:

A mixture in water of non-hazardous substances and the ingredients listed below.



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### Hazardous ingredients:

CAS: 51580-86-0	sodium dichloroisocyanurate, dihydrate	15-25%
	Xn;R22. Xi;R36/37. N;R50/53. R31	
	EINECS: 220767-7	
CAS: 497-19-8	sodium carbonate	5-15%
	Xi;R36	
	EINECS: 207-838-8	

### Ingredients according to EC Detergents Regulation 648/2004

chlorine-based bleaches	5-15%
aliphatic hydrocarbons	<5%

### Additional information:

The full text of the relevant risk phrases is given in section 16.

Occupational Exposure Limit(s), if available, are listed Section 8.

## 4 First aid measures

**General information:** No special measures required.

**Inhalation :** Remove from source of exposure. Get medical attention if symptoms develop.

**Skin contact:** No special measures required.

**Eye contact:** Wash off immediately with plenty of water. Get medical attention if symptoms develop.

**Ingestion:** Rinse mouth with water. Immediately drink one or two glasses of water or milk. Get medical attention.

## 5 Firefighting Measures

### Suitable extinguishing media

Carbon dioxide. Dry powder. Water spray jet.

Fight larger fires with water spray jet or alcohol-resistant foam.



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**Protective equipment:** As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

**Special fire fighting procedures :** Dike and collect extinguishing water.

### 6 Accidental Release Measures

**Personal precautions:** Use respiratory equipment. Avoid contact with skin.

**Environmental precautions:** Do not allow to enter the ground/soil. Dilute with plenty of water. Inform responsible authorities in case undiluted product reaches drainage system, surface or ground water or the ground/soil.

**Method of disposal:**

Ensure adequate ventilation. Collect mechanically.

Dispose of the collected material according to the local regulations.

**Additional information:**

See Section 8 for personal protective equipment and Section 13 for waste disposal.

### 7 Handling and Storage

**Handling** (see also sections 8 and 15)

**Information for safe handling:**

Prevent formation of dust. Avoid contact with skin.

**Information about protection against explosions and fires:**

No special measures required.

**Storage**

**Requirements for storage rooms and containers:**

In accordance with local and national regulations.

**Storage in one common storage facility:**

In accordance with local and national regulations. Do not store with acids.

**Storage conditions:**

Should be stored at temperatures between 6 °C to 35 °C. and away from sources of heat, combustible and acidic products, freezing cold, direct sunlight. Store in original container in a dry and cool place. Keep container tightly closed.



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### 8 Exposure Controls/Personal Protection

#### Control parameters

Components with limit values that require monitoring at the workplace:

The product may require monitoring at the workplace exposure limit values in any does not include the amount of matter.

#### Additional information:

The lists that were valid during the compilation were used as basis.

#### Exposure controls

##### Occupational exposure controls:

Additional information about design of technical systems: see section 7.

##### General protective and hygienic measures :

Keep away from food, drink and animal feeding stuffs .

Remove contaminated clothing immediately.

Wash hands before breaks and at the end of workday.

Avoid contact with the eyes.

##### Breathing equipment:

Personal protection is not normally required. However, avoid breathing dusts, vapours and aerosols.

##### Protection of hands:

No special requirements under normal use conditions.

##### Eye protection:

Not required.

### 9 Physical and Chemical Properties

#### General Information

Form:	Solid(dust)
Colour:	White
Odour:	Smell of chlorine



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### Important information about health, safety and environment

Boiling point/Boiling range:	Not determined
Melting point / Melting range:	Not determined
Flash point:	Not applicable
Spontaneous combustion:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Density	1150 g/l
Solubility in / Miscibility with Water:	Soluble
pH-value:	pH (%1 soln.)=10.0

## 10 Stability and Reactivity

### Conditions to be avoided:

No decomposition if stored and applied as directed.

**Incompatible materials:** Acids.

**Hazardous decomposition products:** Chlorine.

## 11 Toxicological Information

### Acute toxicity and sensibility

**Acute toxicity:** This product has not been tested on animals but based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.

**Skin contact:** Under normal use, not likely to be irritating.

**Eye contact:** Causes irritation.

**Inhalation:** Causes irritation. May cause bronchial spasm to chlorine-sensitive individuals.

**Ingestion :** Cause irritation.

### Additional toxicological information:

**EC classification:** Irritant

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## 12 Ecological Information

**Classification:** Very toxic to aquatic organisms. The classification of the product is due to the component(s) listed in section 3 with an environmental classification (R50-R53).

**Aquatic toxicity:** This product has not been tested on aquatic organisms but based on the environmental classification the toxicity for aquatic organisms (as defined in 67/548/EEC, Annex V) is estimated to be 1-10 mg/l.

**General notes:**

Must not reach sewage water or drainage ditch undiluted or unneutralized. When used for its intended purpose this product should not cause adverse effects in the environment.

## 13 Disposal Considerations

**Product**

**Waste from residues / unused products:** Dispose of observing official regulations. Must not be disposed together with domestic waste.

**European waste catalogue** 20 01 29 detergents containing dangerous substances

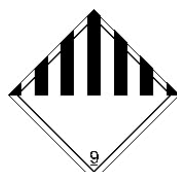
**Empty packagings**

**Recommendation:** Dispose of observing official regulations.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport Information

**Land transport ADR/RID (cross-border)**



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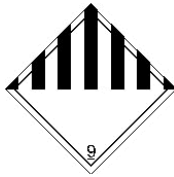
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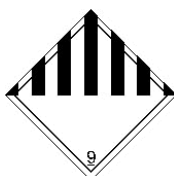
ADR/RID Class:	9: Miscellaneous dangerous substances and articles.
Kemler Number:	90
UN Number:	3077
Packaging group:	III
Label:	9
Proper Shipping Name:	3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE, DIHYDRATE)

#### Maritime transport IMDG:



IMDG Class:	9
UN Number:	3077
Label:	9
Packaging group:	III
EMS Number:	F-A, S-F
Marine pollutant:	Yes
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE, DIHYDRATE)

#### Air transport ICAO-TI and IATA-DGR:



ICAO/IATA Class:	9
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UN/ID Number: 3077  
Label: 9  
Packaging group: III  
Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S. (SODIUM DICHLOROISOCYANURATE, DIHYDRATE)

**Transport/Additional information:**

Transport regulations include special provisions for certain classes of dangerous goods packed in limited quantities.

**15 Regulatory Information****Classification according to EC guidelines:**

The product has been classified and labelled in accordance with current 1907/2006/EEC directives.

**Symbol and hazard indication of product:**

Irritant



Dangerous for the environment

**Risk phrases:**

31 Contact with acids liberates toxic gas.  
36/37 Irritating to eyes and respiratory system.  
51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:**

8 Keep container dry.  
22 Do not breathe dust.





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- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 61 Avoid release to the environment. Refer to special instructions/safety data sheets.

### 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.

#### Text of risk phrases associated with ingredients listed in section 3 and 15:

- 22 Harmful if swallowed.
- 31 Contact with acids liberates toxic gas.
- 36 Irritating to eyes.
- 36/37 Irritating to eyes and respiratory system.
- 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### International References:

##### Department issuing material safety data sheet:

Diversey Europe BV, Professional & Regulatory Affairs, Research & Development - EMA region, Utrecht, The Netherlands

**MSDS code:** MSDS1581

**Version:** 7

**MSDS review date:** 11.01.2011

#### Contact:

Diversey LTC (Local Technical Centre), Turkey



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**Issued By English** (06.11.2012):

Bülent Özdemir / **CRAD** Çevre Risk Analiz Denetim ve Eğitim Hizm. Ltd.Şti.

Certificated from the Turkish Standards Institute (TSE) to prepare Safety Data Sheets

[www.crad.com.tr](http://www.crad.com.tr)

Tel: +90 216 335 4600