

Safety Data Sheet according to (EC) No 1907/2006

Page 1 of 7

TEXAPON K 12 P

SDS no. : 113662

Revision: 16.08.2007

printing date: 09.12.2008

1. Identification of the substance/preparation and of the company/undertaking

Trade name:

TEXAPON K 12 P

General chemical description:

Sodium dodecyl sulphate (EU number: 205-788-1; CAS: 151-21-3)

Usage:

Surfactants

Company name:

Cognis S.p.A.

Via Scalabrini 34

22073 Fino Mornasco

Phone: +39-031884111

Contact:

safety-data-sheet-cc@cognis.com

Emergency information:

+39-031-884111

2. Hazards identification

Special hazards for man and environment according to 67/548/EC as amended

Symbols of danger:

F - Highly flammable

Xn - Harmful

R-phrases:

R11 Highly flammable.

R20/22 Harmful by inhalation and if swallowed.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

S-phrases:

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

S22 Do not breathe dust.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S37/39 Wear suitable gloves and eye/face protection.

S46 If swallowed, seek medical advice immediately and show this container or label.

Further hazards:

Fine dust can form an inflammable mixture together with air.

The product is regarding to experimental tests of its burning behaviour highly flammable; 67/548/EWG; Annex 5, Part A.

Safety Data Sheet according to (EC) No 1907/2006

Page 2 of 7

TEXAPON K 12 P

SDS no. : 113662

Revision: 16.08.2007

printing date: 09.12.2008

3. Composition / information on ingredients

General chemical description:

Sodium dodecyl sulphate (EU number: 205-788-1; CAS: 151-21-3)

4. First aid measures

After inhalation:

Do not inhale dust.

Move to fresh air.

After skin contact:

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

After eye contact:

Immediately flush eyes with water (for 10 minutes), put on a bandage with sterile gauze, see an oculist.

After ingestion:

Drink 1-2 glasses of water, do not induce vomiting, administer an antifoaming agent (sab simplex), seek medical attention.

5. Fire fighting measures

Suitable extinguishing media:

foam, extinguishing powder, carbon dioxide

Extinguishing media which must not be used for safety reasons:

None known

Special hazards by the product itself:

None known

Additional information:

No particular measures required.

6. Accidental release measures

Personal precautions:

Avoid contact with skin and eyes.

Environmental precautions:

Do not empty into drains / surface water / ground water.

Process for cleaning and take-up:

Remove mechanically.

Safety Data Sheet according to (EC) No 1907/2006

Page 3 of 7

TEXAPON K 12 P

SDS no. : 113662

Revision: 16.08.2007

printing date: 09.12.2008

7. Handling and storage

Handling:

Avoid open flames.

Avoid the formation and build-up of dust - danger of dust explosion-

Storage:

Keep container tightly sealed.

< + 40 °C

Observe VCI storage rules.

8. Exposure controls / personal protection

Additional information for system design:

If dust formation caused by handling cannot be avoided Staubex equipment for plants may be necessary.

Components with specific control parameters for workplace:Attention: general dust limit value 6 mg/m³ (fine dust concentration)**Respiratory protection:**

suitable breathing mask

Hand protection:

Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately.

Recommended protective gloves	Breakthrough time	Remark
Material / coating thickness		
Viton / 0,7 mm	Level 6 > 480 min.	In case of full contact

Eye protection:

Goggles which can be tightly sealed.

Skin protection:

suitable protective clothing

General protection and hygiene measures:

Wash hands before work breaks and after finishing work.

9. Physical and chemical properties

Designation	Value	Testing for
Delivery state:	powder	
State:	solid	
Odor:	odorless	
Color(s):	white	
pH-value (20 °C; Conc.: 10 g/l; Solvent: Water)	8,5 - 10,5	DGF H-III 1 (92)
Flash point	not applicable	
Decomposition point	> 100 °C	no information
Bulk density	200 - 300 g/l	DGF H-II 1B (92)

Safety Data Sheet according to (EC) No 1907/2006

Page 4 of 7

SDS no. : 113662

TEXAPON K 12 P

Revision: 16.08.2007

printing date: 09.12.2008

10. Stability and reactivity

Materials to avoid:

None if used for intended purpose.

Dangerous decomposition products:

None known

11. Toxicological information

General toxicological information:

Irritating to respiratory system

Acute oral toxicity:

LD50 > 300 - <= 2000 mg/kg body weight

Method: OECD 401

Acute inhalative toxicity:

Harmful by inhalation.

Skin irritation:

irritating

Method: OECD 404

Eye irritation:

severely irritating

Method: OECD 405

In vitro mutagenicity:

not mutagenic

Method: OECD 471

12. Ecological information

Acute fish toxicity:

LC50 > 10 - <= 100 mg product/l.

Method: ISO 7346/2 (semistatic)

Acute bacterial toxicity:

EC0 > 100 mg product/l.

Method: Acute bacterial toxicity according to test method OECD 209.

Chronic bacterial toxicity:

EC0 > 100 mg product/l.

Method: Chronic bacterial toxicity according to test method DIN 38 412 p. 8.

Primary degradation:

According to the requirements of the EU Mandatory Standards for Detergents 82/242 (nonionic surfactants) and 82/243/EEC(anionic surfactants) the surfactants contained in the products are biodegradable to at least 90% on average.

Safety Data Sheet according to (EC) No 1907/2006

Page 5 of 7

SDS no. : 113662

TEXAPON K 12 P

Revision: 16.08.2007

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Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

The surfactant(s) contained in this product 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.

Method: Annex III , part A

13. Disposal considerations

Product disposal:

Waste incineration or disposal with the approval of the responsible local authority.

Safety Data Sheet according to (EC) No 1907/2006

Page 6 of 7

SDS no. : 113662

TEXAPON K 12 P

Revision: 16.08.2007

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14. Transport information

Road transport ADR:

Class:	4.1	Packaging group:	III
Classification code:			F1
Hazard ident. number:			40
UN no.:	1325		FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium lauryl sulfate)
Label:			4.1

Railroad transport RID:

Class:	4.1	Packaging group:	III
Classification code:			F1
Hazard ident. number:			40
UN no.:	1325		FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium lauryl sulfate)
Label:			4.1

Inland water transport ADN:

Class:	4.1	Packaging group:	III
Classification code:			F1
Hazard ident. number:			
UN no.:	1325		FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium lauryl sulfate)
Label:			4.1

Marine transport IMDG:

Class:	4.1	Packaging group:	III
EmS:			F-A ,S-G
Seawater pollutant:			-
UN no.:	1325		FLAMMABLE SOLID, ORGANIC, N.O.S. (Sodium lauryl sulfate)
Label:			4.1

Air transport IATA:

Class:	4.1	Packaging group:	III
Packaging instructions (cargo):			420
Packaging instructions (passenger):			419
UN no.:	1325		Flammable solid, organic n.o.s. (Sodium lauryl sulfate)
Label:			4.1

Safety Data Sheet according to (EC) No 1907/2006

Page 7 of 7

TEXAPON K 12 P

SDS no. : 113662

Revision: 16.08.2007

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15. Regulatory information

The labeling of the product is indicated in Section 2

National regulations/information:

WGK:	2, water-endangering product. (German VwVwS of May 17, 1999; Appendix 1/2)
Storage class VCI:	4.1B

16. Other information

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.