MATERIAL SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

1599500
Reviewed on: 08/11/2011

Printing date: 08/11/2011

01 Identification of the substance/mixture and of the company/undertaking

- .

- *Trade name:*
  BIO-SOFT 9966 T

- Description
* Mixture

- Article number:
  PJ375
- *Relevant identified uses of the substance or mixture and uses advised against*
- Application of the substance / the preparation
  Thickening agent
  Detergents

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

- *Manufacturer/Supplier:*
  .
  STEPAN EUROPE
  B.P. 127
  F 38343 VOREPPE CEDEX France
  tél. (33) 4 76 50 51 00 fax. (33) 4 76 50 51 35

- *Further information obtainable from:*
  sds.contact@stepaneurope.com
- *Emergency telephone number:*
* 8:00 - 17:00 : STEPAN EUROPE, Tel :+33(0)476 505 100
  Nearest anti-poison centre or Guy's Hospital Poisons Unit,
  LONDON SE14 SER. (00 44)(1 71) 6 35 91 91

* 02 Hazards identification

- *Classification of the substance or mixture*

- Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xi Irritant

* R 38
* Irritating to skin.
* R 41
* Risk of serious damage to eyes.
- Information concerning particular hazards for human and environment:
* Irritating to eyes and skin.
- Classification system:
* The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- *Label elements*
- Labelling according to EU guidelines:
* The product has been marked in accordance with EU Directives / respective national laws.

- Code letter and hazard designation of product:

Xi Irritant

- Risk phrases:
* R 38 Irritating to skin.
* R 41 Risk of serious damage to eyes.

- Safety phrases:
* S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
* S 28a After contact with skin, wash immediately with plenty of water.
* S 37/39 Wear suitable gloves and eye/face protection.

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- ***Other hazards***
- *Results of PBT and vPvB assessment*
- PBT:

* Not applicable.

- vPvB:

* Not applicable.

03 Composition/information on ingredients

- ***Chemical characterization:***

- *Description:*

* Mixture of substances listed below with nonhazardous additions.

- *Dangerous components:*

CAS N°	Description/Index R-phrases	%
68439-50-9	Alcohols, C12-14,ethoxylated N Xi 41-50 Eye Dam. 1 - H318; Aquatic Acute 1 - H400	0,00 - 5,00
64-17-5	ethanol EINECS: 200-578-6 F 11 Flam. Liq. 2 - H225	0,00 - 5,00
111-46-6	2,2'-oxydiethanol EINECS: 203-872-2 Xn 22 Acute Tox. 4 - H302	0,00 - 5,00
8000-41-7	terpenic alcohol EINECS: 232-268-1 Xi 38 Skin Irrit. 2 - H315	0,00 - 5,00
61789-40-0	Cocamido propyl betaine EINECS: 263-058-8 Xi 41 Eye Dam. 1 - H318	10,00- 20,00
68891-38-3	Alcohols,C12-14,ethoxylated (1-2,5 EO), sulfates, sodium salts EINECS: 500-234-8 Xi 38-41 Eye Dam. 1 - H318; Skin Irrit. 2 - H315	10,00- 20,00

- *Additional information:*

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

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04 First aid measures

- *Description of first aid measures*
- ***General information:***
  * Immediately remove any clothing soiled by the product.

- ***After inhalation:***
  Supply fresh air; consult doctor in case of complaints.
- ***After skin contact:***
  * Immediately rinse with water.
  * If skin irritation continues, consult a doctor.
- ***After eye contact:***
  Rinse opened eye for several minutes under running water.
  Call a doctor immediately.
- ***After swallowing:***
  Call for a doctor immediately.

05 Firefighting measures

- ***Extinguishing media***

- ***Suitable extinguishing agents:***
  The product is not flammable.
  * CO2, powder or water spray. Fight larger fires with water spray. water spray.
- ***For safety reasons unsuitable extinguishing agents:***
  Water with full jet
- ***Special hazards arising from the substance or mixture***
  Formation of toxic gases is possible during heating or in case of fire.
  In case of fire, the following can be released:
  Sulphur dioxide (SO2)
  Hydrogen chloride (HCl)
  Nitrogen oxides (NOx)
  Hydrogen cyanide (HCN)
- ***Advice for firefighters***
- *Protective equipment:*
  * Wear self-contained respiratory protective device.

06 Accidental release measures

- ***Personal precautions, protective equipment and emergency procedures***
  Wear protective equipment. Keep unprotected persons away.
  Avoid contact with the eyes and skin.
- ***Environmental precautions:***
  Do not allow product to reach sewage system or any water course.
  Prevent from spreading (e.g. by damming-in or oil barriers).
- ***Methods and material for containment and cleaning up:***
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

07 Handling and storage

- ***Handling:***
- *Precautions for safe handling*
  Ensure good ventilation/exhaustion at the workplace.
  Take note of emission threshold.
  Avoid contact with the eyes and skin.

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:*
  Prevent any seepage into the ground.

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Use only receptacles specifically permitted for this substance/ product.

- *Information about storage in one common storage facility:*

* Store in cool, dry place in tightly closed receptacles.

- *Further information about storage conditions:*

* None.

- ***Specific end use(s)***

* No further relevant information available.

08 Exposure controls/personal protection

- ***Additional information about design of technical facilities:***

* No further data; see item 7.

- *Control parameters*

- ***Ingredients with limit values where monitoring at the workplace is recommended :***

CAS No.	***Designation of material***		
64-17-5	***ethanol***		
OEL			
	Long-term value	***1920***	***mg/m3***
		1000	***ppm***

- *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.
  Immediately remove all soiled and contaminated clothing
  Avoid contact with the eyes and skin.

* Safety shower at proximity.
Eye wash station at proximity.

- *Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.*
- *Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. PVC gloves*
- *Eye protection: Tightly sealed goggles Face protection*
- *Body protection: Protective work clothing Boots*

09 Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Viscous
Colour:	Yellow, Light yellow
Odour:	Nearly odourless
* ***Odour threshold:***	Not determined.
Change in condition	
Melting point/Melting range:	< 2,0 °C
Boiling point/Boiling range:	> 100,0 °C
Flash point:	Not applicable.
Self-igniting:	Product is not selfigniting.
Danger of explosion:	Product does not present an explosion hazard.
Density:	1,0350 - 1,0500 g/cm3
Solubility in / Miscibility with water:	Easily soluble.
pH-value:	at 20,00 °C 5,0 - 8,0 (100,000 g/l eau) g/l water)

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Viscosity:
Dynamic: at 20,00 °C 1.500 - 5.000 mPa/s

10 Stability and reactivity

- *Reactivity*
- *Chemical stability*

- ***Thermal decomposition / conditions to be avoided:***
  To avoid thermal decomposition do not overheat.
- *Conditions to avoid*
  * No further relevant information available.

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

Dangerous reactions
Reacts with acids, alkalis and oxidizing agents.
Corrosive action on metals.

- ***Hazardous decomposition products:***
  * Sulphur oxides (SOx)
  * Nitrogen oxides (NOx)

* 11 Toxicological information

- ***Information on toxicological effects***

- ***Acute toxicity:***
- *LD/LC50 values relevant for classification:* .

64-17-5 ethanol
Oral, DL50: 7060 mg/kg (rat)
Inhalative, CL50/4h: 20000 mg/l (rat)

* ***111-46-6 2,2'-oxydiethanol***
* Oral, DL50: 12565 mg/kg (rat)
* Dermal, DL50: 11890 mg/kg (Rabbit)

* ***61789-40-0 Cocamido propyl betaine***
* Oral, DL50: > 2000 mg/kg (rat)

* ***68891-38-3 Alcohols,C12-14,ethoxylated (1-2,5 EO), sulfates,***
* ***sodium salts***
* Oral, DL50: > 2000 mg/kg (rat)
* Dermal, DL50: > 2000 mg/kg (rat)

- *Irritation / Corrosivity*
- on the skin:
  * Irritant to skin and mucous membranes.
- on the eye:
  Strong irritant with the danger of severe eye injury.

- ***Additional toxicological information:***
  The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
  Irritant
  Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

* 12 Ecological information

- *Toxicity*
- Acquatic toxicity:

* ***68891-38-3 Alcohols,C12-14,ethoxylated (1-2,5 EO), sulfates,***
* ***sodium salts***
* fish, CL50 : 7,1 mg/l
* alga, CE50 : 27,7 mg/l

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* daphnia, CE50 : 7,4 mg/l

- ***Persistence and degradability***
- *Other information:*

* The product is readily biodegradable.

- ***Additional ecological information:***
- *General notes:*

Do not allow product to reach ground water, water course or sewage system.

- ***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*

Must be specially treated adhering to official regulations.
Contact manufacturer for recycling information.
Do not empty into drains and avoid release to the environment. This product must be disposed in a certificated hazardous or special waste collection point.

- ***Uncleaned packaging:***
- *Recommendation:*

Disposal must be made according to official regulations.
Packaging may be reused or recycled after cleaning.
If recycling is not possible, dispose according to the local regulations.

- *Recommended cleansing agents:*

Water, if necessary together with cleansing agents.

14 Transport information

-
Not classified for transport

-

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

* ***ADR/RID class:*** -

- ***Maritime transport IMDG:***

Marine pollutant: No

- ***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code***

* Not applicable.

*

15 Regulatory information

- ***Safety, health and environmental regulations/legislation specific for the substance or mixture***
- *Labelling according to Regulation (EC) No 1272/2008*

* This safety data sheet is in compliance with the Regulation (EC) N° 1907/2006

- ***Chemical safety assessment:***

* A Chemical Safety Assessment has not been carried out.

- ***Other data***

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) N° 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.
Contact point : sds.contact@stepaneurope.com

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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

	H225	Highly flammable liquid and vapour.
	H302	Harmful if swallowed.
	H315	Causes skin irritation.
	H318	Causes serious eye damage.
	H400	Very toxic to aquatic life.
*	R 11	Highly flammable.
	R 22	Harmful if swallowed.
	R 38	Irritating to skin.
	R 41	Risk of serious damage to eyes.
	R 50	Very toxic to aquatic organisms.

- ***Department issuing MSDS:***
  Regulatory Affairs Departement

Particular information

Alterations are indicated by asterisk *.