

## COVERAGE FOR SWITZERLAND

<b>SECTION 1</b>	<b>DESIGNATION OF THE MIXTURE AND THE COMPANY</b>
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### 1.1 Product identifier

Product name : DECKSHAMPOO  
Item number : 89732  
UFI : YWG0-E807-F003-JCSS

### 1.2 Uses of the mixture

SU21 Consumer product, Boat and ship maintenance

### 1.3 Details about the supplier

Supplier : TELL's Power AG  
Bahnhofweg 2 + 4  
CH-6405 Immensee

Phone : 041 850 77 44  
E-Mail : [info@tellspower.ch](mailto:info@tellspower.ch)  
Website : [www.tellspower.ch](http://www.tellspower.ch)

### 1.4 Emergency number

EMERGENCY PHONE TOX Center: **145** (24 hrs.)

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING \*

#### 1.1. Product identifier

Product name : STAR BRITE SEA SAFE BOAT WASH  
Product code : 89732

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

Application : SU21 Consumer product. PC35 Cleaning agent. Boat maintenance.

#### 1.3. Details of the supplier of the safety data sheet

Supplier : Star Brite Europe Inc.  
29 Rue des Tourrais  
69290 Craponne, France  
Telephone : +33-472-570 133  
Fax : +33-472-570 493  
E-mail : jp.kitzinger@starbrite-europe.com  
Website : www.starbrite-europe.com

#### 1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

Telephone : 144, 118, 117

EMERGENCY TELEPHONE NUMBER (for DOCTORS only):

National Poisons Information Service 145 (24/7)

### SECTION 2 HAZARDS IDENTIFICATION \*

#### 2.1. Classification of the substance or mixture

CLP classification : Eye irritation, category 2.  
(1272/2008/EC)

Human health hazards : Causes serious eye irritation.  
Physical/chemical hazards : Not classified as dangerous according to statutory EC-Directives.  
Environmental hazards : Not classified as dangerous according to statutory EC-Directives.  
Other information : Keep out of the reach of children.

#### 2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms :



Signal word : Warning

H- and P-phrases : H319 Causes serious eye irritation.  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P280 eyes Wear eye protection/face protection.  
P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
+ P338  
P337+P313 If eye irritation persists: Get medical advice/attention.

Additional labelling (99/45/EC and/or 1272/2008/EC)

: 2 % of the mixture consists of ingredient(s) of unknown toxicity.

Ingredient declaration according to Regulation 648/2004:

Contains:	Concentration (%)
Anionic surfactants , Non-ionic surfactants , Amphoteric surfactants	< 5
Perfumes, Geraniol, dmdm hydantoin, Methylchloroisothiazolinone, Methylisothiazolinone.	

### 2.3. Other hazards

Other information : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS \*

### 3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	REACH nr.
Ammonium chloride	0,1 - < 1	12125-02-9	235-186-4	
Sodium dodecyl sulphate	1 - < 5	151-21-3	205-788-1	
Amides, coco, N,N-Bis(2-hydroxypropyl)-	1 - < 5	-----		

Occupational exposure limit(s), if relevant, are listed in section 8.

Substance name	Hazard Class	Pictograms	H-phrases
Ammonium chloride	Acute Tox. 4; Eye Irrit. 2	GHS07	H302; H319
Sodium dodecyl sulphate	Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; Aquatic Chronic 3	GHS05; GHS07	H302; H315; H318; H412
Amides, coco, N,N-Bis(2-hydroxypropyl)-	Skin Irrit. 2; Eye Dam. 1; Aquatic Chronic 2	GHS05; GHS09	H315; H318; H411

Reference is made to chapter 16 for full text of each relevant H phrase.

## SECTION 4 FIRST-AID MEASURES \*

### 4.1. Description of first aid measures

First aid measures

- Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.
- Skin contact : Take off contaminated clothing. Wash off skin with plenty of water before product dries up.
- Eye contact : Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor.
- Ingestion : Do not induce vomiting. Do rinse the mouth. Give one glass of water. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Effects and symptoms

- Inhalation : May cause headache, dizziness and a feeling of sickness.
- Skin contact : May cause dry skin.
- Eye contact : Irritant. May cause redness and pain.
- Ingestion : May cause a feeling of sickness, vomiting and diarrhoea.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians : None known.

### SECTION 5 FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

Extinguishing media

Suitable : Carbondioxide (CO<sub>2</sub>). Foam. Dry chemical. Water fog.  
Not suitable : None known.

#### 5.2. Special hazards arising from the substance or mixture

Special exposure hazards : None known.  
Hazardous thermal decomposition products : Carbon monoxide may be evolved if incomplete combustion occurs.

#### 5.3. Advice for firefighters

Special protective equipment for fire-fighters : Use adequate respiratory equipment in case of insufficient ventilation.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles.

#### 6.2. Environmental precautions

Environmental precautions : Avoid release of product into sewers, surface water and/or ground water. Large spills: contain with dike.  
Other information : Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorised waste collection point. Wash away remainder with plenty of water.

#### 6.4. Reference to other sections

Reference to other sections : See also section 8.

### SECTION 7 HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas. Do not breathe vapour. Avoid contact with skin and eyes.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool, dry and well-ventilated place (< 35 °C). Keep away from oxidizing agents.  
Recommended packaging : Keep only in the original container.  
Non recommended packaging : Steel (except stainless steel).

#### 7.3. Specific end use(s)

Use : Use only as directed. Do not mix with other products.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits (mg/m<sup>3</sup>):

Chemical name	Country	TWA 8 hour (mg/m <sup>3</sup> )	STEL 15 min (mg/m <sup>3</sup> )	Comments
Ammonium chloride	GB	10	20	-

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Ammonium chloride	Dermal Inhalation				190 mg/kg bw/day 33,5 mg/m <sup>3</sup>
Sodium dodecyl sulphate	Dermal Inhalation				4060 mg/kg bw/day 285 mg/m <sup>3</sup>

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Ammonium chloride	Dermal Inhalation				114 mg/kg bw/day 9,9 mg/m <sup>3</sup>
Sodium dodecyl sulphate	Oral Dermal Inhalation				11,4 mg/kg bw/day 2440 mg/kg bw/day 85 mg/m <sup>3</sup> 24 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Ammonium chloride	Water Intermittent water STP Soil	1,2 mg/l	11,2 mg/l	1,2 mg/l 16,2 mg/l 0,163 mg/kg
Sodium dodecyl sulphate	Water Sediment Intermittent water STP Soil	0,137 mg/l 4,82 mg/kg	0,0137 mg/l 0,48 mg/kg	0,055 mg/l 1084 mg/l 0,882 mg/kg

**8.2. Exposure controls**

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Body protection : Use of specific protective industrial clothing is not required under normal conditions of use.

- Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.
- Hand protection : Under normal conditions of use specific gloves are not required.
- Eye protection : Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES** \*

**9.1. Information on basic physical and chemical properties**

Appearance	: Liquid.	
Colour	: Blue.	
Odour	: Perfumed.	
Odour threshold	: Not known.	
pH	: 7	
Solubility in water	: Soluble.	
Partition coefficient (n-octanol/water)	: Not applicable.	Contains surfactants. The O/W system emulsifies.
Flash point	: > 100 °C	
Flammability (solid, gas)	: Not applicable.	Liquid.
Auto ignition temperature	: > 180 °C	
Boiling point/boiling range	: 100 °C	
Melting point/melting range	: 0 °C	
Explosive properties	: None known.	Does not contain explosives.
Explosion limits (in air)	: Not applicable.	
Oxidising properties	: Not applicable.	Does not contain oxidizing substances.
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not relevant.	The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C)	: Not known.	
Vapour density (20°C)	: > 1	(air = 1)
Relative density (20°C)	: 1,05 g/ml	
Evaporation rate	: < 1	(n-butyl acetate = 1)

**SECTION 10 STABILITY AND REACTIVITY**

**10.1. Reactivity**

Reactivity : See sub-sections below.

**10.2. Chemical stability**

Stability : Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Reactivity : No other hazardous reactions known.

**10.4. Conditions to avoid**

Conditions to avoid : See section 7.

**10.5. Incompatible materials**

Materials to avoid : Keep away from oxidizing agents.

**10.6. Hazardous decomposition products**

Hazardous decomposition : Not known.  
products

**SECTION 11 TOXICOLOGICAL INFORMATION** \*

**11.1. Information on toxicological effects**

No toxicological research has been carried out on this product.

**Inhalation**

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 7 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.
- Corrosion/irritation : Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

**Skin contact**

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: 4 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

**Eye contact**

- Corrosion/irritation : Irritant.

**Ingestion**

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: 2 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : May cause a feeling of sickness, vomiting and diarrhoea. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

**Toxicological information:**

Chemical name	Property		Method	Test animal
Sodium dodecyl sulphate	LD50 (dermal)	580 mg/kg bw		Rabbit
	Skin sensitisation	Not sensitizing		Guinea pig
	Skin irritation	Highly irritant	OECD 404	Rabbit
	Eye irritation	Highly irritant	OECD 405	Rabbit
	NOAEL (development) - estimate	250 mg/kg.d	Read across	Rat
	NOEL (carcinogenicity) - estimate	> 1125 mg/kg.d	Read across	Rat
	NOAEL (oral)	100 mg/kg bw/d	----	Rat
	LD50 (oral)	977 mg/kg bw	OECD 401	Rat
	Genotoxicity - in vitro	Not genotoxic	OECD 476	Mouse
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	NOAEL (fertility) - estimate	250 mg/kg.d		Rat
	Genotoxicity - estimate	Not genotoxic		

LD50 (dermal) - estimate	> 2000 mg/kg bw		
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**SECTION 12 ECOLOGICAL INFORMATION**

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**12.1. Toxicity**

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 64 mg/l. Calculated EC50 (waterflea): 27 mg/l. Contains 2 % of components with unknown hazards to the aquatic environment.

**12.2. Persistence and degradability**

Persistence – degradability : No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.

**12.3. Bioaccumulative potential**

Bioaccumulative potential : No specific information known.

**12.4. Mobility in soil**

Mobility : If product enters soil, it will be highly mobile and may contaminate groundwater.

**12.5. Results of PBT and vPvB ass**

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

**12.6. Other adverse effects**

Other information : Not applicable.

**SECTION 13 DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Product residues : Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.

Additional warning : None.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

**SECTION 14 TRANSPORT INFORMATION**

**14.1. UN number**

UN nr. : None.

**14.2. UN proper shipping name**

Transport name : Not regulated.

**14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards**

ADR/RID (road / railway)

Class : This product is not classified according to ADR/RID.

IMDG (sea)



Class : This product is not classified according to IMDG.  
Marine pollutant : No

IATA (air)  
Class : This product is not classified according to IATA.

#### 14.6. Special precautions for user

Other information : Country specific variations may apply.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

### SECTION 15 REGULATORY INFORMATION \*

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Community regulations : Regulation (EC) No 453/2010 (REACH), Regulation (EC) No 1272/2008 (CLP) and other regulations.

#### 15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

### SECTION 16 OTHER INFORMATION \*

#### 16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 453/2010 dated 20 May 2010 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (\*).

Full text of H-phrases mentioned in section 3:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	: Acute Toxicity Estimate
CLP	: Classification, Labeling & Packaging
CMR	: Carcinogenic, Mutagenic or toxic for Reproduction
EEC	: European Economic Community
IATA	: International Air Transport Association
IBC code	: International Bulk Chemical Code
IMDG	: International Maritime Dangerous Goods Code
LD50/LC50	: Lethal Dose/Concentration for 50% of a population
MAC	: Maximum Allowable Concentration
MARPOL	: International Convention for the Prevention of Pollution From Ships

NO(A)EL	: No Observed (Adverse) Effect Level
OECD	: Organisation for Economic Co-operation and Development
PBT	: Persistent, Bioaccumulative and Toxic
PC	: Chemical product category
PT	: Product type
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	: Sewage Treatment Plant
SU	: Sector of Use
TWA/STEL	: Time-Weighted Average/Short Term Exposure Limit
UN	: United Nations
VOC	: Volatile Organic Compounds
vPvB	: Very Persistent and Very Bioaccumulative
Number format	: "," used as decimal separator.

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**History**

Date of first issue	: 09-10-2005	
Date of second issue	: 10-04-2012	
Date of third issue	: 11-06-2013	
Date of fourth issue	: 12-10-2014	Herewith all previous issues are expired.