

## 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 : MOLD CLEANER  
Item number : 85616  
UFI : UH3N-5718-S005-V897

### 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

**Trade name or designation of the mixture** STARBRITE MILDEW STAIN REMOVER  
**Registration number** -  
**Synonyms** None.  
**Product code** 856XX  
**Issue date** 07-September-2012  
**Version number** 03  
**Revision date** 09-October-2013  
**Supersedes date** 27-September-2013

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

**Identified uses** Cleaner.  
**Uses advised against** None known.

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

**Manufacturer/Supplier** Star brite Distributing, Inc  
**Address** 4041 SW 47TH Avenue  
Fort Lauderdale, FL 33314  
United States  
**Contact person** Vincent Waclawek  
**General Information** (954) 587-6280  
**24-Hour Emergency** CHEMTREC: (703) 527-3887  
**Supplier** Star brite Europe Inc.  
30 Rue F. Genin  
69005, Lyon, France  
**Contact person** Jean Paul Kitzinger, contact@starbrite-europe.com

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

**Classification** R31

**Classification according to Regulation (EC) No 1272/2008 as amended**

<b>Health hazards</b>		
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.

### Hazard summary

**Physical hazards** Not classified for physical hazards.  
**Health hazards** Contact with acids liberates toxic gas.  
**Environmental hazards** Not classified for hazards to the environment.  
**Specific hazards** Not available.  
**Main symptoms** Skin and eye irritation.

### 2.2. Label elements

**Label according to Regulation (EC) No. 1272/2008 as amended**

**Contains:** Sodium hypochlorite

**Hazard pictograms**



**Signal word** Warning

**Hazard statements** H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.

## Precautionary statements

<b>Prevention</b>	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Response</b>	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention.
<b>Storage</b>	P405 - Store locked up.
<b>Disposal</b>	P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental label information Keep out of reach of children.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Sodium hypochlorite	<2,5	7681-52-9 231-668-3	-	017-011-00-1	
<b>Classification:</b>	<b>DSD:</b>	C;R34, R31, N;R50			
	<b>CLP:</b>	Skin Corr. 1B;H314, Aquatic Acute 1;H400			

**Composition comments** The full text for all R- and H-phrases is displayed in section 16. All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

## SECTION 4: First aid measures

**General information** First aid personnel must be aware of own risk during rescue.

### 4.1. Description of first aid measures

<b>Inhalation</b>	If symptomatic, move to fresh air. Get medical attention if symptoms persist.
<b>Skin contact</b>	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash contaminated clothing before reuse. Destroy contaminated clothing and shoes.
<b>Eye contact</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.
<b>Ingestion</b>	Seek medical advice.

**4.2. Most important symptoms and effects, both acute and delayed** Symptoms include itching, burning, redness and tearing.

**4.3. Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

## SECTION 5: Firefighting measures

**General fire hazards** No unusual fire or explosion hazards noted.

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Water spray. Carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	None known.

**5.2. Special hazards arising from the substance or mixture** During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Special fire fighting procedures</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel</b>	Avoid breathing mist or vapour. Avoid contact with eyes, skin, and clothing.
<b>For emergency responders</b>	Use personal protection recommended in Section 8 of the SDS.

- 6.2. Environmental precautions** Environmental manager must be informed of all major releases.
- 6.3. Methods and material for containment and cleaning up** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.
- Large Spills: Flush area with plenty of water. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.
- 6.4. Reference to other sections** For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

- 7.1. Precautions for safe handling** Provide adequate ventilation. Avoid inhalation of vapours/mist and contact with skin and eyes. Wear appropriate personal protective equipment. Handle and open container with care. Observe good industrial hygiene practices.
- 7.2. Conditions for safe storage, including any incompatibilities** Keep container tightly closed and in a well-ventilated place. Store in closed original container at room temperature. Store away from incompatible materials. Keep out of reach of children.
- 7.3. Specific end use(s)** Cleaner.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits** No exposure limits noted for ingredient(s).

### Biological limit values

**Hungary. Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices**

Components	Value	Determinant	Specimen	Sampling time
Sodium hypochlorite (CAS 7681-52-9)	25 %	red blood cell or total blood acetylcholinesterase activity (EC. 3.1.1.7.)	Reduction from individual baseline activity in red blood cells	*

\* - For sampling details, please see the source document.

**Recommended monitoring procedures** Not available.

**Derived no-effect level (DNEL)** Not available.

**Predicted no effect concentrations (PNECs)** Not available.

### 8.2. Exposure controls

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas. Provide easy access to water supply and eye wash facilities.

### Individual protection measures, such as personal protective equipment

**General information** Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection** Wear safety glasses with side shields (or goggles) and a face shield.

#### Skin protection

**- Hand protection**

Chemical resistant gloves are recommended.

**- Other**

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

#### Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

#### Thermal hazards

Not applicable.

### Hygiene measures

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Environmental exposure controls

Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Clear liquid with odor of lemons.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Clear.
<b>Odour</b>	Lemon.
<b>Odour threshold</b>	Not available.
<b>pH</b>	10,8
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	100 °C (212 °F)
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	17 at 20 °C (Air = 1)
<b>Relative density</b>	1,1 at 20 °C
<b>Solubility(ies)</b>	Completely soluble.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not available.
<b>9.2. Other information</b>	No relevant additional information available.

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	Stable at normal conditions.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>10.4. Conditions to avoid</b>	Contact with incompatible materials.
<b>10.5. Incompatible materials</b>	Acids. Amines. Ammonium salts. Ammonia. Urea. Reducing Agents.
<b>10.6. Hazardous decomposition products</b>	Contact with acids liberates toxic gas.

## SECTION 11: Toxicological information

<b>General information</b>	Causes skin irritation. Causes serious eye irritation.
<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	No harmful effects expected in amounts likely to be ingested by accident.
<b>Inhalation</b>	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes eye irritation.
<b>Symptoms</b>	Irritant effects.
<b>11.1. Information on toxicological effects</b>	
<b>Acute toxicity</b>	No additional adverse health effects noted.

Components	Species	Test results
Sodium hypochlorite (CAS 7681-52-9)		
<b>Acute</b>		
<i>Oral</i>		
LD50	Rat	8,91 g/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes eye irritation.	
<b>Respiratory sensitisation</b>	Not assigned.	
<b>Skin sensitisation</b>	Not assigned.	
<b>Germ cell mutagenicity</b>	Not assigned.	
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
Sodium hypochlorite (CAS 7681-52-9)		3 Not classifiable as to carcinogenicity to humans.
<b>Reproductive toxicity</b>	Not assigned.	
<b>Specific target organ toxicity - single exposure</b>	Not assigned.	
<b>Specific target organ toxicity - repeated exposure</b>	Not assigned.	
<b>Aspiration hazard</b>	Not applicable.	
<b>Mixture versus substance information</b>	Not available.	
<b>Other information</b>	Not available.	

## SECTION 12: Ecological information

<b>12.1. Toxicity</b>	The product is not expected to be hazardous to the environment.
<b>12.2. Persistence and degradability</b>	No data available.
<b>12.3. Bioaccumulative potential</b>	No data available.
<b>Partition coefficient n-octanol/water (log Kow)</b>	Not available.
<b>Bioconcentration factor (BCF)</b>	Not available.
<b>12.4. Mobility in soil</b>	Not available.
<b>12.5. Results of PBT and vPvB assessment</b>	Not a PBT or vPvB substance or mixture.
<b>12.6. Other adverse effects</b>	Not available.

## SECTION 13: Disposal considerations

<b>13.1. Waste treatment methods</b>	
<b>Residual waste</b>	Dispose in accordance with applicable federal, state, and local regulations.
<b>Contaminated packaging</b>	Since emptied containers retain product residue, follow label warnings even after container is emptied.
<b>EU waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.

## SECTION 14: Transport information

### ADR

Not regulated as dangerous goods.

### RID

Not regulated as dangerous goods.

### ADN

Not regulated as dangerous goods.

## IATA

Not regulated as dangerous goods.

## IMDG

Not regulated as dangerous goods.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This substance/mixture is not intended to be transported in bulk.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA**

Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended**

Not listed.

#### Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**

Not regulated.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**

Not regulated.

#### Other EU regulations

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**

Not regulated.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Sodium hypochlorite (CAS 7681-52-9)

**Directive 94/33/EC on the protection of young people at work**

Sodium hypochlorite (CAS 7681-52-9)

#### Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

#### National regulations

Not available.

#### 15.2. Chemical safety assessment

Not available.

## SECTION 16: Other information

#### List of abbreviations

DNEL: Derived No-Effect Level. PNEC: Predicted No-Effect Concentration. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent and very Bioaccumulative.

#### References

Not available.

**Information on evaluation method leading to the classification of mixture**

The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.

**Full text of any statements or R-phrases and H-statements under Sections 2 to 15**

R31 Contact with acids liberates toxic gas.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Star brite assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Star brite assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.