

## Safety data sheet

according to 1907/2006/EC, Article 31

Revision: 03.01.2018

### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Sensobright
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the preparation** special detergent for professional use
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
BurnusHychem GmbH  
Röbberstraße 94 D-64293  
Darmstadt Tel. +49-66 63  
976 100 Fax +49-66 63  
976 200  
Email: contact@burnushychem.com
- **Distributor:**  
Burnus General Trading Co.  
L.L.C. P.O. Box: 231374  
Dubai / United Arab Emirates  
Fon: +971 4 2688845  
Fax: +971 4 2685589  
Email: burnus@eim.ae
- **Further information obtainable from:** Telefon: +49-66 63-976-100
- **Department issuing MSDS:** J.Wenninger@burnushychem.com
- **Emergency telephone number:**  
Beratungsstelle bei Vergiftungen,  
Universitätsklinikum Mainz Telefon: 06131-19240

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Xi; Irritant  
R38-41: Irritating to skin. Risk of serious damage to eyes.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Information concerning particular hazards for human and environment:**  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.  
May produce an allergic reaction.
- **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 classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

(Contd. on page 2)

AE-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

(Contd. of page 1)

**- Code letter and hazard designation of****product:** Xi Irritant**- Risk phrases:**

38Irritating to skin.

41Risk of serious damage to eyes.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**- Safety phrases:**

26In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 35

This material and its container must be disposed of in a safe way.

37/39 Wear suitable gloves and eye/face protection.

61Avoid release to the environment. Refer to special instructions/safety data sheets.

**- Special labelling of certain preparations:**

Contains orange terpene. May produce an allergic reaction.

**- Other hazards****- Results of PBT and vPvB assessment****- PBT:** Not applicable.**- vPvB:** Not applicable.**3 Composition/information on ingredients****- Chemical characterization: Mixtures****- Description:** Mixture of substances listed below with nonhazardous additions.**- Dangerous components:**

CAS: 68411-30-3 EINECS: 270-115-0	benzenesulfonic acid, C10-13-alkyl derivs., sodium salts	10-<20%
	Xn R22; Xi R38-41	
	H301; H318; H315	
Polymer	fatty alcohol, alkoxyated	10-<20%
	Xi R38	
	H315	
CAS: 164524-02-1 EC number: 629-764-9	potassium cumenesulphonate	1-<3%
	Xi R36	
	H319	
CAS: 15763-76-5 EINECS: 239-854-6	sodium cumenesulphonate	1-<3%
	Xi R36	
	H319	
Polymer	alcohols, ethoxylated, sulfated, sodium salts	1-<3%
	Xi R36/38	
	H315; H319	
CAS: 8028-48-6 EINECS: 232-433-8	orange terpene	0,3-<1%
	Xn R65; Xi R38; Xi R43; N R50/53	
	R10	
	H226; H304; H400; H410; H315; H317	

(Contd. on page 3)

AE-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

(Contd. of page 2)

**- Regulation (EC) No 648/2004 on detergents:**

anionic surfactants	15 - 30%
non-ionic surfactants	5 - 15%
phosphonates	< 5%
perfumes (LIMONENE, AMYL CINNAMAL), optical brighteners, preservation agents (2-BROMO-2-NITROPROPANE-1,3-DIOL)	

**- Additional information:** For the wording of the listed risk phrases refer to section 16.

**4 First aid measures****- Description of first aid measures**

**- General information:** Remove any clothing soiled by the product.

**- After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

**- After skin contact:**

After contact with skin, wash immediately with plenty of soap and water. If skin irritation continues, consult a doctor.

**- After eye contact:**

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

**- After swallowing:**

Rinse out mouth and then drink plenty of water.

If swallowed, do not induce vomiting: seek medical advice and show this container or label.

**- Information for doctor:**

**- Most important symptoms and effects, both acute and delayed** No further relevant information available.

**- Indication of any immediate medical attention and special**

**treatment needed** No further relevant information available.

**5 Firefighting measures****- Extinguishing media**

**- Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**- Special hazards arising from the substance or mixture** Formation of toxic gases is possible during heating or in case of fire.

**- Advice for firefighters****- Protective equipment:**

Wear self-contained respiratory protective device.

Do not inhale explosion gases or combustion gases.

**- Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**6 Accidental release measures****- Personal precautions, protective equipment and emergency**

**procedures** Wear protective equipment. Keep unprotected persons away. Particular danger of slipping on leaked/spilled product.

**- Environmental precautions:**

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

(Contd. on page 4)

AE-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

(Contd. of page 3)

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

**- Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

**- Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 10 for information on "stability and reactivity".

See Section 13 for disposal information.

## 7 Handling and storage

**- Handling:**

**- Precautions for safe handling** No special precautions are necessary if used correctly.

**- 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:** No special requirements.

**- Information about storage in one common storage facility:** Not required.

**- Further information about storage conditions:**

Protect from heat and direct sunlight.

Protect from frost.

**- Maximum storage temperature:** 40 °C

**- Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

**- Additional information about design of technical facilities:** No further data; see item 7.

**- Control parameters**

**- Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**- 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. Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**- Respiratory protection:** Not required.

**- Protection of hands:**

Protective gloves (EN 374)

Check protective gloves prior to each use for their proper condition.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

(Contd. on page 5)

AE-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

(Contd. of page 4)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**- Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**- Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**- Eye protection:** Tightly sealed goggles

## 9 Physical and chemical properties

**- Information on basic physical and chemical properties**

**- General Information**

**- Appearance:**

**Form:** Fluid

**Colour:** Yellowish

**- Odour:** Perfumed

**- Odour threshold:** Not determined.

**- pH-value at 20 °C:** 7

**- Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

**- Flash point:** Not applicable.

**- Flammability (solid, gaseous):** Not applicable.

**- Ignition temperature:**

**Decomposition temperature:** Not determined.

**- Self-igniting:** Product is not self-igniting.

**- Danger of explosion:** Product does not present an explosion hazard.

**- Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

**- Vapour pressure:** Not determined.

**- Density at 20 °C:** 1,05 g/cm<sup>3</sup>

**- Relative density** Not determined.

**- Vapour density** Not determined.

**- Evaporation rate** Not determined.

**- Solubility in / Miscibility with**

**water:** Fully miscible.

**- Partition coefficient (n-octanol/water):** Not determined.

**- Viscosity:**

**Dynamic at 20 °C:** 60 mPas

**Kinematic:** Not determined.

(Contd. on page 6)

AE-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

**- Other information**

No further relevant information available.

(Contd. of page 5)

**10 Stability and reactivity**

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions if used and stored according to specifications.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:**  
No dangerous products of decomposition if used and stored according to specifications.

**11 Toxicological information**

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** May produce an allergic reaction.
- **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  
No experimentally found toxicological data are available for this preparation.

**12 Ecological information**

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxic effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or undiluted sewage system.  
The surfactant(s) contained in this preparation 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.  
Harmful to aquatic organisms
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 7)

AF-EN

## Safety data sheet

### according to 1907/2006/EC, Article 31

Revision: 03.01.2018

Trade name: Sensobright

(Contd. of page 6)

- **Other adverse effects** No further relevant information available.**13 Disposal considerations**

- **Waste treatment methods**
- **Recommendation** Disposal must be made according to official regulations.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

- **UN-Number**
- **UN proper shipping name**
- **ADR, IMDG, IATA** Void
- **Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** Void
- **Packing group**
- **ADR, IMDG, IATA** Void
- **Environmental hazards:** Not applicable.
- **Special precautions for user** Not applicable.
- **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 EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**  
Xi Irritant
- **Risk phrases:**  
38Irritating to skin.  
41Risk of serious damage to eyes.  
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Safety phrases:**  
26In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 35  
This material and its container must be disposed of in a safe way.  
37/39 Wear suitable gloves and eye/face protection.  
61Avoid release to the environment. Refer to special instructions/safety data sheets.

(Contd. on page 8)

AE-EN

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Revision: 03.01.2018

**Trade name: Sensobright**

(Contd. of page 7)

- **Special labelling of certain preparations:**  
Contains orange terpene. May produce an allergic reaction.
- **National regulations:**
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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**

H226 Flammable liquid and vapour.  
H301 Toxic if swallowed.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
.....  
R10 Flammable.  
R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R36/38 Irritating to eyes and skin.  
R38 Irritating to skin.  
R41 Risk of serious damage to eyes.  
R43 May cause sensitisation by skin contact.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed.

AE-EN