

# Safety Data Sheet

## 1907/2006/EC, 1272/2008/EC

Printing date 20.07.2011

Revision: 16.07.2011

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

- **Product identifier**
- **Trade name:** Screen Cleaner
- **Article number:** SC-0011
- **Registration number** Not available
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Screen Cleaner
  
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 Procure International Co.  
 5F, No. 88, Jhouzih St., Neihu District, Taipei, Taiwan  
 Tel: +886-2-2627 2168  
 Fax: +886-2-2627 6568  
 Email: franklin.fu@procure.com.tw
- **Further information obtainable from:** Procure International Co.
- **Emergency telephone number:**  
 Franklin Fu  
 Tel: +886-2-2627 2168 \* 273
- **Reference Number:** HKG11-005024-01

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
 The product is not classified according to the CLP regulation.

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- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
 The product has not been classified as dangerous according to Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC.
- **Classification system:**  
 The classification is according to the EU Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC, and extended by company and literature data.

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- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**  
 Safety data sheet available on request.
- **Additional information:**  
 Important! This product contains substances that are of restricted use under Annex XVII of Regulation (EC) No. 1907/2006. For details, please refer to Section 15 and 16 of this Safety Data Sheet.
- **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.  
 For the wording of the listed risk phrases refer to section 16.
- **Dangerous components:**

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CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0	2-butoxyethanol ☒ Xn R20/21/22; ☒ Xi R36/38 ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319	4,0%
CAS: 151-21-3 EINECS: 205-788-1	sodium dodecyl sulphate ☒ Xn R21/22; ☒ Xi R36/37/38; 🔥 F R11 ⚠ Flam. Liq. 1, H224; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	0,4%
· <b>Non-dangerous components:</b>		
CAS: 7732-18-5 EINECS: 231-791-2	water, distilled, conductivity or of similar purity	95,3%
	Fragrance	0,3%

### 4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **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:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Mouth respiratory protective device.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Store in cool, dry place in tightly closed receptacles.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**  
Store away from foodstuffs.  
Store away from flammable substances.
- **Further information about storage conditions:** Store in a cool place.
- **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:**

##### 111-76-2 2-butoxyethanol

IOELV (EU)	Short-term value: 246 mg/m <sup>3</sup> , 50 ppm Long-term value: 98 mg/m <sup>3</sup> , 20 ppm Skin
WEL (Great Britain)	Short-term value: 50 ppm Long-term value: 25 ppm Sk
AGW (Germany)	98 mg/m <sup>3</sup> , 20 ppm 4(II);DFG, H, Y
VME (France)	Short-term value: 147,6 mg/m <sup>3</sup> , 30 ppm Long-term value: 9,8 mg/m <sup>3</sup> , 2 ppm Risque de pénétration percutanée

- **DNELs** Not available
- **PNECs** Not available
- **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.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

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.  
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

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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

Goggles recommended during refilling

### 9 Physical and chemical properties

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

- **General Information**

- **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Transparent
<b>Odour:</b>	Light Lemon
<b>Odour threshold:</b>	Not available

- **pH-value:** Not available

- **Change in condition**

<b>Melting point/Melting range:</b>	Not available
<b>Boiling point/Boiling range:</b>	Not available
<b>Freezing point:</b>	Not available

- **Flash point:** >99°C

- **Flammability (solid, gaseous):** Not available

- **Auto-ignition temperature:** Not available

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

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

- **Explosion limits:**

<b>Lower:</b>	Not available
<b>Upper:</b>	Not available

- **Oxidizing properties:** Not available

- **Vapour pressure:** Not available

- **Density:** Not available

- **Evaporation rate:** Not available

- **Solubility in / Miscibility with water:** Not available

- **Segregation coefficient (n-octanol/water):** Not available

- **Viscosity:**

<b>Dynamic:</b>	Not available
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- **Other information** No further relevant information available.

### 10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

- **LD/LC50 values relevant for classification:**

#### 151-21-3 sodium dodecyl sulphate

Oral	LD50	1288 mg/kg (rat)
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#### Fragrance

Oral	LD50	5660 mg/kg (rat)
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Dermal	LD50	13000 mg/kg (rabbit)
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Inhalative	LC50/4 h	6 mg/l (rat)
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#### 111-76-2 2-butoxyethanol

Oral	LD50	1230 mg/kg (mouse)
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		470 mg/kg (rat)
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		300 mg/kg (rabbit)
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Dermal	LD50	220 mg/kg (rabbit)
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Inhalative	LC50/4 h	450 mg/l (rat)
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- **Primary irritant effect:**
- **on the skin:** Irritating effect possible
- **on the eye:** Irritating effect possible
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method based on the EU Directive 67/548/EEC, 1999/45/EC and Regulation 1272/2008/EC.  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Toxicokinetics, metabolism and distribution** Not available
- **Acute effects (acute toxicity, irritation and corrosivity)** Not available
- **Repeated dose toxicity** Not available
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Not available

### 12 Ecological information

- **Toxicity**
- **Acquatic 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.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |                 |
|--|-----------------|
| · <b>UN-Number</b>   |                 |
| · <b>ADR, IMDG, IATA</b>   | Not applicable  |
| · <b>UN proper shipping name</b>   |                 |
| · <b>ADR, IMDG, IATA</b>   | Not applicable  |
| · <b>Transport hazard class(es)</b>  |                 |
| · <b>ADR, IMDG, IATA</b>   | Not applicable  |
| · <b>Packing group</b>   |                 |
| · <b>ADR, IMDG, IATA</b>   | Not applicable  |
| · <b>Marine pollutant:</b>   | No              |
| · <b>Special precautions for user</b>  | Not applicable. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

111-76-2	2-butoxyethanol
151-21-3	sodium dodecyl sulphate
7732-18-5	water, distilled, conductivity or of similar purity

· **Proposition 65**

· **Chemicals known to cause cancer**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males**

None of the ingredients is listed.

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· <b>Chemicals known to cause developmental toxicity</b>	
None of the ingredients is listed.	
· <b>Cancerogenity categories</b>	
· <b>EPA (Environmental Protection Agency)</b>	
111-76-2	2-butoxyethanol
	CBD
· <b>IARC (International Agency for Research on Cancer)</b>	
111-76-2	2-butoxyethanol
	3
· <b>NTP (National Toxicology Program)</b>	
None of the ingredients is listed.	
· <b>TLV (Threshold Limit Value established by ACGIH)</b>	
111-76-2	2-butoxyethanol
	A3
· <b>MAK (German Maximum Workplace Concentration)</b>	
111-76-2	2-butoxyethanol
	4
· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
None of the ingredients is listed.	
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
None of the ingredients is listed.	
· <b>Labelling according to Regulation (EC) No 1272/2008</b> Void	
· <b>Hazard pictograms</b> Void	
· <b>Signal word</b> Void	
· <b>Hazard statements</b>	
Safety data sheet available on request.	
· <b>National regulations:</b>	
· <b>SVHC Candidate List of REACH Regulation Annex XIV Authorisation (20/06/2011)</b>	
None of the ingredients is listed	
· <b>REACH Regulation Annex XVII Restriction (21/5/2011)</b>	
2-butoxyethanol (CAS no. 111-76-2)	
sodium dodecyl sulphate (CAS no. 151-21-3)	
· <b>REACH Regulation Annex XIV Authorization List (18/2/2011)</b> None of the ingredients is listed	
· <b>Chemical safety assessment:</b> A Chemical Safety Assessment has not been carried out.	

## 16 Other information

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The contents and format of this MSDS/SDS are in accordance with REGULATION(EC) No 1907/2006, 1272/2008 and EU Commission Directive 1999/45/EC, 67/548/EEC

### DISCLAIMER OF LIABILITY

The information in this MSDS/SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

### · Relevant phrases

H224 Extremely flammable liquid and vapour.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

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*H335 May cause respiratory irritation.**R11 Highly flammable.**R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.**R21/22 Harmful in contact with skin and if swallowed.**R36/37/38 Irritating to eyes, respiratory system and skin.**R36/38 Irritating to eyes and skin.***Recommended restriction of use:***REACH Annex XVII Restricted - 3**Liquid substances or mixtures, which are regarded as dangerous according to the definitions in Directive 67/548/EEC and Directive 1999/45/EC.**2-butoxyethanol (CAS no. 111-76-2) & sodium dodecyl sulphate (CAS no. 151-21-3)**1. Shall not be used in:*

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

*2. Articles not complying with paragraph 1 shall not be placed on the market.**3. Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons or perfume, or both, if they:*

- can be used as fuel in decorative oil lamps for supply to the general public, and
- present an aspiration hazard and are labelled with R65 or H304,

*4. Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN)**5. Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:**(a) lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: "Keep lamps filled with this liquid out of the reach of children"; and, by 1 December 2010, "Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage";**(b) grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: "Just a sip of grill lighter may lead to life threatening lung damage";**(c) lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.**6. No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.**7. Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.'***Recommended restriction of use:***REACH Annex XVII Restricted - 40**Substances meeting the criteria of flammability in Directive 67/548/EEC and classified as flammable, highly flammable or extremely flammable regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.**2-butoxyethanol (CAS no. 111-76-2) & sodium dodecyl sulphate (CAS no. 151-21-3)**1. Shall not be used, as substance or as mixtures in aerosol dispensers where these aerosol dispensers are intended for supply to the general public for entertainment and decorative purposes such as the following:*

- metallic glitter intended mainly for decoration,
- artificial snow and frost,

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- "whoopee" cushions,
- silly string aerosols,
- imitation excrement,
- horns for parties,
- decorative flakes and foams,
- artificial cobwebs,
- stink bombs.

2. Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances, suppliers shall ensure before the placing on the market that the packaging of aerosol dispensers referred to above is marked visibly, legibly and indelibly with:

"For professional users only".

3. By way of derogation, paragraphs 1 and 2 shall not apply to the aerosol dispensers referred to Article 8 (1a) of Council Directive 75/324/EEC.

4. The aerosol dispensers referred to in paragraphs 1 and 2 shall not be placed on the market unless they conform to the requirements indicated.

· **Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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