According to EC-Regulation 1907/2006 (REACH)

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
   - Trade name: Glue Remover
   - Product no.
   - REACH registration number: Not applicable

1.2. Relevant identified uses of the substance or mixture and uses advised against
   - Relevant identified uses of the substance or mixture: Glue remover
   - Uses advised against: The full text of any mentioned and identified use categories are given in section 16

1.3. Details of the supplier of the safety data sheet
   - Company and address: Blue & Green AB
   - Stenorsvägen 52
   - 261 44 Landskrona
   - Sweden
   - Tfn: +46 418 399000
   - Fax: +46 418 13199
   - www.blueandgreen.se
   - E-mail: info@blueandgreen.se
   - SDS date: 09-09-2013
   - SDS Version: 1.0

1.4. Emergency telephone number
   - +44 844 892 0111. See section 4 “First aid measures”

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
   - Eye Irrit. 2 // H319
   - See full text of H/R-phrases in section 2.2.
   - DPD/DSD Classification: Irritant. (Xi). Irritating to eyes. (R36).

2.2. Label elements
   - Hazard pictogram(s):

   ![Hazard Symbol]

   Signal word: Warning!
   - Hazard statement(s):
     - Causes serious eye irritation. (H319)
   - Identity of the substances primarily responsible for the major health hazards:

<table>
<thead>
<tr>
<th>General</th>
<th>Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keep out of reach of children. (P102) If medical advice is needed, have product container or label at hand. (P101)</td>
<td>Response</td>
</tr>
<tr>
<td>Wear protective gloves/protective clothing/eye protection. (P280) Wash exposed areas thoroughly after handling. (P264)</td>
<td></td>
</tr>
</tbody>
</table>

2.3. Other hazards
   - This product contains an organic solvent.
According to EC-Regulation 1907/2006 (REACH)

SECTION 3: Composition/information on ingredients

3.1.1. Substances

<table>
<thead>
<tr>
<th>NAME:</th>
<th>(2-methoxymethylethoxy)propanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDENTIFICATION NOS.:</td>
<td>CAS-no: 34590-94-8 EC-no: 252-104-2</td>
</tr>
<tr>
<td>CONTENT:</td>
<td>40-60%</td>
</tr>
<tr>
<td>DSD CLASSIFICATION:</td>
<td>-</td>
</tr>
<tr>
<td>CLP CLASSIFICATION:</td>
<td>-</td>
</tr>
<tr>
<td>NOTE:</td>
<td>S</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NAME:</th>
<th>2-(2-butoxyethoxy)ethanol</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDENTIFICATION NOS.:</td>
<td>CAS-no: 112-34-5 EC-no: 203-961-6 Index-no: 603-096-00-8</td>
</tr>
<tr>
<td>CONTENT:</td>
<td>15-25%</td>
</tr>
<tr>
<td>DSD CLASSIFICATION:</td>
<td>Xi: R36</td>
</tr>
<tr>
<td>CLP CLASSIFICATION:</td>
<td>Eye Irrit. 2, H319</td>
</tr>
</tbody>
</table>

(*) See full text of H/R-phrases in chapter 16. Occupational limits are listed in section 8, if these are available. S = Organic solvent

Other informations

SECTION 4: First aid measures

4.1. Description of first aid measures

**General information**

In the case of accident: Contact a doctor or casualty department. Contact a physician, if there is doubt about an injured person's condition, or symptoms continuous. Do not ever give an unconscious person water or alike.

**Inhalation**

Lead the person into fresh air and keep the person under watch.

**Skin contact**

Remove contaminated clothes and shoes at once. Wash the skin thoroughly with water and soap.

**Eye contact**

Remove contact lenses. Flush eyes with plenty of water (20-30 °C) until irritation stops, or continue for at least 5 minutes. Make sure to flush under the upper and lower eyelid. Contact a physician at once.

**Ingestion**

Give the person plenty to drink and keep the person under watch. If fainting: Contact a physician immediately. Do not induce vomiting, unless recommended by a physician. Lower the persons head, so that vomit do not run back into the mouth or throat.

**Burns**

Rinse with water until the pain stops and continue for 30 minutes.

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

This product contains organic solvent, which can effect the nerves system. Symptoms of neurotoxicity can be: headache, dizziness, difficulties concentrating etc. A result of repeatedly exposure to organic solvents can be an erosion of the skins natural layer of fat. Afterwards the skin will be exposed to uptake of damaging substances such as allergens. This product contains substances which are irritable to skin and eyes, or when inhaled. A result of contact, with an irritable substance, can be that the area of contact will be more pruned to take-in of damaging substances such as allergens.

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

If eye irritation persists: Get medical advice/attention.

**Information to medics**

Bring this safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended: alcohol resistant foam, carbonic acid, powder. Don’t use water beam since it can spread the fire.

5.2. Special hazards arising from the substance or mixture

Non specific.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific demands.

6.2. Environmental precautions

No specific demands.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations

6.4. Reference to other sections

See section 13 regarding handling of waste. See section 8 for protective measures.
According to EC-Regulation 1907/2006 (REACH)

SECTION 7: Handling and storage

7.1. Precautions for safe handling
See section 8 for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities
Always store in the original container. Re-seal opened containers carefully and keep upright to prevent leakage.

7.3. Specific end use(s)
This product should only be used for applications described in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
OEL
2-(2-butoxyethoxy)ethanol (EH40/2005), Long-term exposure limit (8-hour TWA reference period): 10 ppm | 67.5 mg/m3, Short-term exposure limit (15-minute reference period): 15 ppm | 101.2 mg/m3
2-(methoxymethoxy)propanol (EH40/2005), Long-term exposure limit (8-hour TWA reference period): 50 ppm | 308 mg/m3, Short-term exposure limit (15-minute reference period): - ppm | - mg/m3, Comments: Sk (Sk = Can be absorbed through skin.)

DNEL / PNEC
No data available.

8.2. Exposure controls
Compliance with the stated exposure limits values should be checked on a regular basis.

General recommendations
Smoking, consumption as well as storage of tobacco, foods and liquids, is not allowed in the room.

Exposure scenarios
If there is an appendix to this safety data sheet, the indicated exposure scenarios must be complied.

Exposure limits
Trade users should encompass the rules of the work environment legislation on maximum concentrations of exposure. See work hygienic threshold limiting values.

Appropriate technical measures
Airborne gas and dust concentrations, must be kept lowest possible and under existing threshold limiting values. Make sure there are visible signs for eye cleanser and shower.

Hygiene measures
When work sub seeds, all exposed areas of the body has to be washed.

Measures to avoid environmental exposure
No specific demands.

Individual protection measures, such as personal protective equipment

Generally
Only CE-marked personal protection equipment should be used.

Respiratory Equipment
In case the ventilation at the work place is nut sufficient, use a half or whole mask, with filter A or air supplied safeguard. The choice depends on the concrete work situation and the durability of the work with the product.

Skin protection
Specific work clothing should be used.

Hand protection
Recommended: 4H/Barrier. Breakthrough time: See the manufacturer's instructions

Eye protection
Use safety glasses with a side shield.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>pH</td>
<td>-</td>
</tr>
<tr>
<td>Viscosity</td>
<td>-</td>
</tr>
<tr>
<td>Density (g/cm³)</td>
<td>0.94</td>
</tr>
<tr>
<td>Flashpoint (°C)</td>
<td>82</td>
</tr>
<tr>
<td>Ignition (°C)</td>
<td>-</td>
</tr>
<tr>
<td>Self ignition (°C)</td>
<td>-</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>n-octanol/water coefficient</td>
<td>-</td>
</tr>
<tr>
<td>Solubility in fat</td>
<td>Additional information</td>
</tr>
<tr>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available

10.2. Chemical stability
The product is stable under the conditions, noted in section 7.
According to EC-Regulation 1907/2006 (REACH)

10.3. Possibility of hazardous reactions
Non specific.

10.4. Conditions to avoid
Overpressure develops, when exposed to heating (e.g., sunlight).

10.5. Incompatible materials
Strong acids, strong bases, strong oxidations remedies and strong reduction remedies.

10.6. Hazardous decomposition products
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Species</th>
<th>Test</th>
<th>Route of exposure</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-butoxyethoxy)ethanol</td>
<td>Rat</td>
<td>LD50</td>
<td>Oral</td>
<td>5660mg/kg</td>
</tr>
<tr>
<td>2-(2-butoxyethoxy)ethanol</td>
<td>Rabbit</td>
<td>LD50</td>
<td>Oral</td>
<td>4000mg/kg</td>
</tr>
<tr>
<td>(2-methoxymethylthoxy)propano...</td>
<td>Rat</td>
<td>LD50</td>
<td>Dermal</td>
<td>5130mg/kg</td>
</tr>
<tr>
<td>(2-methoxymethylthoxy)propano...</td>
<td>Rabbit</td>
<td>LD50</td>
<td>Dermal</td>
<td>&gt;19000mg/kg</td>
</tr>
<tr>
<td>1-(1-methyl-2-propoxethoxy)/pr...</td>
<td>Rat</td>
<td>LD50</td>
<td>Oral</td>
<td>&gt;2000mg/kg</td>
</tr>
<tr>
<td>1-(1-methyl-2-propoxethoxy)/pr...</td>
<td>Rat</td>
<td>LD50</td>
<td>Dermal</td>
<td>&gt;2000mg/kg</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
No data available.

Serious eye damage/irritation
Causes serious eye irritation.

Respiratory or skin sensitisation
No data available.

Germ cell mutagenicity
No data available.

Carcinogenicity
No data available.

Reproductive toxicity
No data available.

STOT-single exposure
No data available.

STOT-repeated exposure
No data available.

Aspiration hazard
No data available.

Long term effects
This product contains organic solvent, which can effect the nerves system. Symptoms of neurotoxicity can be: headache, dizziness, difficulties concentrating etc. A result of repeatedly exposure to organic solvents can be an erosion of the skins natural layer of fat. Afterwards the skin will be exposed to uptake of damaging substances such as allergens. This product contains substances which are irritable to skin and eyes, or when inhaled. A result of contact, with an irritable substance, can be that the area of contact will be more pruned to take-in of damaging substances such as allergens.

SECTION 12: Ecological information

12.1. Toxicity
No data available.

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Substance</th>
<th>Biodegradability</th>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Substance</th>
<th>Potential bioaccumulation</th>
<th>LogPow</th>
<th>BFC</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil
2-(2-butoxyethoxy)ethanol: Log Koc= 2.4541, Calculated from LogPow (Moderate mobility potential.).

12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
Non specific.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
The product should be treated as dangerous waste.

Waste
EWC code

Contaminated packing
Get rid of wrappings, which contains leftovers from the product (the same way as the product).

SECTION 14: Transport information
Non dangerous goods, referring to ADR and IMDG.
According to EC-Regulation 1907/2006 (REACH)

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Restrictions for application
People under the age of 18 must not be exposed to this product cf. Council Directive 94/33/EC
Demands for specific education

15.2. Chemical safety assessment
No

SECTION 16: Other information

Sources
EC regulation 1907/2006 (REACH)
Directive 2000/532/EC
EC Regulation 1272/2008 (CLP)

Full text of H/R-phrases as mentioned in section 3
R36 - Irritating to eyes.
H319 - Causes serious eye irritation.

The full text of identified uses as mentioned in section 1

Other symbols mentioned in section 2
Other
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
A change (in proportion to the last essential change (first cipher in SDS version)) is marked with a blue triangle.

The safety data sheet is validated by
Cecilia Evaldsson

Date of last essential change
(First cipher in SDS version)

Date of last minor change
(Last cipher in SDS version)