



**GRANWAX**  
Products Limited  
**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

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## Lift off

Revision 2  
Revision date 2015-10-07

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

#### 1.1. Product identifier

|              |          |
|--------------|----------|
| Product name | Lift off |
|--------------|----------|

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

|             |                                 |
|-------------|---------------------------------|
| Description | Emulsion Floor Polish Stripper. |
|-------------|---------------------------------|

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

|                                       |   |
|---------------------------------------|---|
| Company                               | Granwax Products Limited                                      |
| Address                               | West Street<br>Riddings<br>Alfreton<br>Derbyshire<br>DE55 4EW |
| Web                                   | www.granwax.com   |
| Telephone                             | + 44 (0)1773 541177   |
| Fax                                   | + 44 (0)1773 541429   |
| Email                                 | info@granwax.com  |
| Email address of the competent person | info@granwax.com  |

#### 1.4. Emergency telephone number


|                            |  |
|----------------------------|--|
| Emergency telephone number | + 44 (0)1773 541177<br>9.00 am - 5.00 pm Mon - Fri |
|----------------------------|--|

### SECTION 2: Hazards identification

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

|                                      |  |
|--------------------------------------|--|
| 2.1.1. Classification - 1999/45/EC   | Xi; R36/37/38<br>Symbols: Xi: Irritant.          |
| Main hazards                         | Irritating to eyes, respiratory system and skin. |
| 2.1.2. Classification - EC 1272/2008 | Skin Corr. 1A: H314; STOT SE 3: H335;            |

#### 2.2. Label elements

|                                     |   |
|-------------------------------------|---|
| Hazard pictograms                   |                                    |
| Signal Word                         | Danger  |
| Hazard Statement                    | Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.<br>STOT SE 3: H335 - May cause respiratory irritation. |
| Precautionary Statement: Prevention | P260 - Do not breathe dust/fume/gas/mist/vapours/spray.<br>P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.   |

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## 2.2. Label elements

|  |   |
|--|---|
| <b>Precautionary Statement:<br/>Response</b> | P264 - Wash with clean water thoroughly after handling.<br>P271 - Use only outdoors or in a well-ventilated area.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection.  |
|  | P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.<br>P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P310 -If swallowed Immediately call a POISON CENTER/doctor/or if you feel unwell<br>P312 - Call a POISON CENTER/doctor/ /if you feel unwell.<br>P321 - Specific treatment (see on this label).<br>P363 - Wash contaminated clothing before reuse. |
| <b>Precautionary Statement:<br/>Storage</b>  | P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  |
| <b>Precautionary Statement:<br/>Disposal</b> | P501 - Dispose of contents/container to requirements of local Authority   |

## 2.3. Other hazards

|                      |                                       |
|----------------------|---------------------------------------|
| <b>Other hazards</b> | No data is available on this product. |
|----------------------|---------------------------------------|

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

| Chemical Name                                     | Index No.    | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification           | M-factor. |
|---|--------------|------------|-----------|---------------------------|--------------|--------------------------|-----------|
| C13-15 Alcohol ethoxylate 7eo                     |              | 68131-39-5 |           |                           | 0.5 - 1%     | Xn; R22 Xi; R41 N; R50   |           |
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | 603-014-00-0 | 111-76-2   | 203-905-0 |                           | 10 - 20%     | Xn; R20/21/22 Xi; R36/38 |           |
| Ethanolamine (2-Aminoethanol)                     | 603-030-00-8 | 141-43-5   | 205-483-3 |                           | 1 - 10%      | Xn; R20/21/22 C; R34     |           |
| Disodium metasilicate pentahydrate                |              | 10213-79-3 | 229-912-9 |                           | 1 - 10%      | C; R34 Xi; R37           |           |
| tetrasodium ethylene diamine tetraacetate         | 607-428-00-2 | 64-02-8    | 200-573-9 |                           | 1 - 10%      | Xn; R22 Xi; R41          |           |

## EC 1272/2008

| Chemical Name                                     | Index No.    | CAS No.    | EC No.    | REACH Registration Number | Conc. (%w/w) | Classification   | M-factor. |
|---|--------------|------------|-----------|---------------------------|--------------|--|-----------|
| C13-15 Alcohol ethoxylate 7eo                     |              | 68131-39-5 |           |                           | 0.5 - 1%     | Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Acute 1: H400;   |           |
| Ethylene glycol monobutyl ether (2-Butoxyethanol) | 603-014-00-0 | 111-76-2   | 203-905-0 |                           | 10 - 20%     | Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315; |           |
| Ethanolamine (2-Aminoethanol)                     | 603-030-00-8 | 141-43-5   | 205-483-3 |                           | 1 - 10%      | Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314;                     |           |
| Disodium metasilicate pentahydrate                |              | 10213-79-3 | 229-912-9 |                           | 1 - 10%      | Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335;  |           |
| tetrasodium ethylene diamine tetraacetate         | 607-428-00-2 | 64-02-8    | 200-573-9 |                           | 1 - 10%      | Acute Tox. 4: H302; Eye Dam. 1: H318;  |           |

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Move the exposed person to fresh air.   |
| <b>Eye contact</b>  | Rinse immediately with plenty of water for 15 minutes holding the eyelids open.   |
| <b>Skin contact</b> | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| <b>Ingestion</b>    | DO NOT INDUCE VOMITING.   |

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

|              |   |
|--------------|---|
| Inhalation   | Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. |
| Eye contact  | May cause irritation to eyes.   |
| Skin contact | May cause irritation to skin.   |
| Ingestion    | Ingestion may cause nausea and vomiting.  |

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

|              |  |
|--------------|--|
| Inhalation   | If you feel unwell, seek medical advice (show the label where possible). |
| Eye contact  | Seek medical attention.  |
| Skin contact | Seek medical attention if irritation or symptoms persist.                |
| Ingestion    | If you feel unwell, seek medical advice (show the label where possible). |

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

|  |   |
|--|---|
|  | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|---|

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

|  |   |
|--|---|
|  | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

**5.3. Advice for firefighters**

|  |  |
|--|--|
|  | Wear self contained breathing apparatus and protective clothing. |
|--|--|

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. |
|--|--|

**6.2. Environmental precautions**

|  |   |
|--|---|
|  | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

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

|  |  |
|--|--|
|  | Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
|--|--|

**6.4. Reference to other sections**

|  |   |
|--|---|
|  | See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.<br>See section 13. DISPOSAL CONSIDERATIONS for further information. |
|--|---|

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

|  |  |
|--|--|
|  | Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|--|

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

|  |  |
|--|--|
|  | Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers. |
|--|--|

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

|  |   |
|--|---|
|  | See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information. |
|--|---|

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

|  |                                 |
|--|---------------------------------|
|  | Occupational exposure controls. |
|--|---------------------------------|

**8.1.1. Exposure Limit Values**

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## 8.1.1. Exposure Limit Values

|  |  |  |
|--|--|--|
| Ethanolamine (2-Aminoethanol)                        | WEL 8-hr limit ppm: 1                            | WEL 8-hr limit mg/m3: 2.5                          |
|  | WEL 15 min limit ppm: 3                          | WEL 15 min limit mg/m3: 7.6                        |
|  | WEL 8-hr limit mg/m3 total -<br>inhalable dust:  | WEL 15 min limit mg/m3 total -<br>inhalable dust:  |
|  | WEL 8-hr limit mg/m3 total -<br>respirable dust: | WEL 15 min limit mg/m3 total -<br>respirable dust: |
| Ethylene glycol monobutyl ether<br>(2-Butoxyethanol) | WEL 8-hr limit ppm: 25                           | WEL 8-hr limit mg/m3: 123                          |
|  | WEL 15 min limit ppm: 50                         | WEL 15 min limit mg/m3: 101.2                      |
|  | WEL 8-hr limit mg/m3 total -<br>inhalable dust:  | WEL 15 min limit mg/m3 total -<br>inhalable dust:  |
|  | WEL 8-hr limit mg/m3 total -<br>respirable dust: | WEL 15 min limit mg/m3 total -<br>respirable dust: |

## 8.2. Exposure controls

|   |  |
|---|--|
| 8.2.1. Appropriate engineering controls | Not normally required.                               |
| 8.2.2. Individual protection measures   | Wear suitable gloves and eye/face protection.        |
| Eye / face protection                   | Approved safety goggles.                             |
| Skin protection - Handprotection        | Chemical resistant gloves (PVC).                     |
| Skin protection - Other                 | Wear suitable protective clothing.                   |
| Respiratory protection                  | Not normally required.                               |
| Occupational exposure controls          | Keep away from food, drink and animal feedingstuffs. |

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

|                           |                                      |
|---------------------------|--------------------------------------|
| Appearance                | Liquid                               |
| Colour                    | Clear                                |
| Odour                     | Mild                                 |
| Odour threshold           | No data available                    |
| pH                        | = 12.5                               |
| Melting point             | No data available                    |
| Initial boiling point     | No data available                    |
| Flash point               | No data available                    |
| Evaporation rate          | No data available                    |
| Flammability (solid, gas) | No data available                    |
| Vapour pressure           | No data available                    |
| Vapour density            | No data available                    |
| Relative density          | 1.013 (H <sub>2</sub> O = 1 @ 20 °C) |
| Fat Solubility            | No data available                    |
| Partition coefficient     | No data available                    |
| Autoignition temperature  | No data available                    |
| Explosive properties      | No data available                    |
| Oxidising properties      | No data available                    |
| Solubility                | - Soluble in water                   |

## 9.2. Other information

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|                                  |                   |
|----------------------------------|-------------------|
| Gas group                        | No data available |
| Benzene Content                  | No data available |
| Lead content                     | No data available |
| VOC (Volatile organic compounds) | No data available |

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.2. Chemical stability

|  |                                 |
|--|---------------------------------|
|  | Stable under normal conditions. |
|--|---------------------------------|

## 10.3. Possibility of hazardous reactions

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.4. Conditions to avoid

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.5. Incompatible materials

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 10.6. Hazardous decomposition products

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

|                               |                               |
|-------------------------------|-------------------------------|
| Skin corrosion/irritation     | May cause irritation to skin. |
| Serious eye damage/irritation | May cause irritation to eyes. |

## SECTION 12: Ecological information

## 12.2. Persistence and degradability

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.3. Bioaccumulative potential

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## Partition coefficient

|  |                            |
|--|----------------------------|
|  | Lift off No data available |
|--|----------------------------|

## 12.4. Mobility in soil

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.5. Results of PBT and vPvB assessment

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## 12.6. Other adverse effects

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

## SECTION 13: Disposal considerations

## 13.1. Waste treatment methods

|  |   |
|--|---|
|  | Dispose of in compliance with all local and national regulations. |
|--|---|

## SECTION 14: Transport information

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## 14.1. UN number

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.2. UN proper shipping name

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.3. Transport hazard class(es)

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.4. Packing group

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.5. Environmental hazards

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|--|--|

## 14.6. Special precautions for user

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|  | No data is available on this product.                    |

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

|  |  |
|--|--|
|  | The product is not classified as dangerous for carriage. |
|  | No data is available on this product.                    |

**SECTION 15: Regulatory information**

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

|                    |  |
|--------------------|--|
| <b>Regulations</b> | <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> |
|--------------------|--|

## 15.2. Chemical safety assessment

|  |                                       |
|--|---------------------------------------|
|  | No data is available on this product. |
|--|---------------------------------------|

**SECTION 16: Other information**

## Other information

|   |  |
|---|--|
| <b>Revision</b>                               | This document differs from the previous version in the following areas:<br>2 - 2.1.2. Classification - EC 1272/2008.<br>2 - Hazard pictograms.<br>9 - 9.1. Information on basic physical and chemical properties (PH).   |
| <b>Text of risk phrases in Section 3</b>      | R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.<br>R22 - Harmful if swallowed.<br>R34 - Causes burns.<br>R36/38 - Irritating to eyes and skin.<br>R37 - Irritating to respiratory system.<br>R41 - Risk of serious damage to eyes.<br>R50 - Very toxic to aquatic organisms. |
| <b>Text of Hazard Statements in Section 3</b> | Acute Tox. 4: H302 - Harmful if swallowed.<br>Eye Dam. 1: H318 - Causes serious eye damage.  |

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Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Acute Tox. 4: H312 - Harmful in contact with skin.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Acute Tox. 4: H332 - Harmful if inhaled.  
Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.  
Met. Corr. 1: H290 - May be corrosive to metals.  
STOT SE 3: H335 - May cause respiratory irritation.

## Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.