

**SAFETY DATA SHEET**

|  |
| --- |
| Expel Warm Oven Cleaner |

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE
COMPANY / UNDERTAKING

Revision Date 12th March 2013

|  |  |
| --- | --- |
| **Product Name** | Expel Warm Oven Cleaner |
| **Synonyms, Trade Name** | Expel Warm Oven Cleaner |
| **Application** | **Oven Cleaner** |

**Supplier** Prime Industries Limited,
Unit 2 Broughton Way,
Halebank Industrial Estate,
Widnes,
WA8 8YX.
PHONE 0151 423 0110
FAX 0151 423 0770
sales@primeindustries.co.uk

Emergency Contact Number 0151 423 0110

2. HAZARDS IDENTIFICATION

SDS No. C2/434

|  |
| --- |
| CORROSIVE- Cause burns.  |
| **Classification**  | C; R34 |

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | EC No. | CAS-No. | Conc. | Classification |
| Sodium hydroxide | 215-185-5 | 1310-73-2 | 1-10% | C;R35 |
| Cocamidopropyl Betaine Solution | 931-296-8 | 61789-40-0 | 1-10% | Xi;R41 |
| Alkyl Amine Oxide | 273-281-2 | 68955-55-5 | 1-10% | Xi; R38, R41. N;R50 |

4. FIRST-AID MEASURES

The Full Text For all R- Phrases Are Displayed in Section 16

|  |  |
| --- | --- |
| **Inhalation** | Move exposed person to fresh air. Perform artificial respiration if breathing has stopped. Keep warm and at rest. Seek medical advice if discomfort persists. |
| **Ingestion** | NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Do not induce vomiting. Get medical attention immediately. If conscious, give one pint of water to drink immediately, followed by one pint of milk if available. |
| **Skin Contact** | Flush contaminated clothing with water. Promptly remove affected clothing and foot ware unless stuck to skin, flush skin with water. Speed in removing material from skin is of extreme importance! Get medical attention immediately. Seek medical attention for all burns, regardless of how minor they may seem. |
| **Eye Contact** | Wash eyes with plenty of water for at least fifteen minutes holding eye open. Seek medical attention immediately  |

5. FIRE-FIGHTING MEASURES

|  |  |
| --- | --- |
| **Extinguishing Media Use:**  | Use fire-extinguishing media appropriate for surrounding materials. |
| **Unusual Fire & Explosion Hazards** | None |
| **Specific Hazard** | In case of fire, toxic and corrosive gasses mat be formed. |
| **Protective Measures in Fire** | In case of fire, self contained breathing apparatus and full protective clothing must be worn. |

**6. ACCIDENTAL RELEASE MEASURES**

|  |  |
| --- | --- |
| **Personal Precautions** | Observe normal standards of industrial hygiene for handling chemicals. Do not breathe fumes. Avoid contact with skin and eyes |
|  **Environmental Precautions** | The material is designed for commercial cleaning use and normal safe disposal to foul sewer. In the event of a spillage of a large amount of product, entry to surface water drainage should be avoided. Major spillage losses to surface drainage must be notified to the local waste authority.  |
| **Spill Cleanup Methods** | Absorb with inert material then scoop into suitable containers & label correctly. Cover the containers before moving. Dispose of containers by an appropriate method Flush the area with water. Run-off or release to foul sewer, waterway or ground forbidden. |

**7. HANDLING AND STORAGE**

|  |  |
| --- | --- |
| **Usage Precautions** | Avoid Spilling, skin and eye contact. Avoid acids, moisture and combustible materials. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap if skin becomes contaminated. Eating, smoking and drinking – water fountains are prohibited in immediate work area. Always follow good personal hygiene practises when working with this product. |
| **Fire & Explosion**  | No special measures |
| **Storage Precautions**  | Store in a cool dry area. Protect from light. External damage to containers should be avoided. Seal containers after use. Do not store close to strong oxidizing agents which could aggravate any fire situations. Use in a well ventilated area. Do not store product in direct sunlight.  |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NAME | Std | TWA – 8 hrs | STEL – 15 min | Notes |
| Sodium hydroxide | Wel |  | 2mg/m3 | Classified EH40 |
| Cocamidopropyl Betaine Solution |  |  | 1ppm | 2.9mg/m3 |  |

**Wel= Workplace exposure limits**

**Protective Equipment**

|  |  |
| --- | --- |
| **Engineering Measures** | Provide adequate ventilation |
| **Respiratory Equipment** | Respiratory protection may be required when excessive air contaminated occurs. |
| **Hand Protection** | Wear suitable gloves. |
| **Eye Protection** | Wear safety goggles where eye exposure is reasonable probable. |
| **Other Protection** | Wear suitable protective clothing to prevent skin contact.  |
| **Hygiene Measures** | Do Not Smoke In Work Area! Wash at the end of each work shit and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |  |
| --- | --- |
| **Appearance** | Thick liquid |
| **Colour** | Off white |
| **Odour** | Low odour |
| **Solubility** | Freely |
| **pH value** | 13.5 - 14 |  |  |

10. STABILITY AND REACTIVITY

|  |  |
| --- | --- |
| **Stability** | Stable under normal temperature and recommended use |
| **Conditions To Avoid** | Avoid excessive heat for prolonged periods of time |
| **Materials To Avoid** | Strong oxidising substances, strong acids |
| **Hazardous Decomposition Products**  | Fire of high temperatures may form toxic and corrosive vapours |

11. TOXICOLOGICAL INFORMATION

|  |  |  |
| --- | --- | --- |
| **Toxic Dose 1-ld 50**  | LD 50(Oral Rat) 325mg/kg |  |
| **Inhalation** | fumes can irritate the respiratory system, and may cause coughing and difficulties in breathing  |
| **Ingestion** | Corrosive, may cause burns to mouth, oesophagus and stomach  |
| **Skin Contact** | May cause serious chemical burns to the skin. Corrosive, prolonged contact causes serious tissue damage |
| **Eye Contact** | Causes burns. Risk of corneal damage, vision disturbances including blurred vision  |
| **Chronic Effects**  | Acute effects predominate |

12. ECOLOGICAL INFORMATION

|  |  |
| --- | --- |
|  **Degradability** | This product is biodegradable |
| **Mobility** | This product is soluble in water |
| **Bio accumulating** | The product is not bio accumulating |

13. DISPOSAL CONSIDERATIONS

|  |  |
| --- | --- |
| **General Information** | Do not wash into drains. Do not mix with other waste materials. Wear appropriate clothing, goggles and mask |
| **Disposal Methods** | Arrange disposal as special waste by licensed disposal company, in consultation with local waste disposal authority, in accordance with control of pollution Act 1974 |

14. TRANSPORT INFORMATION



|  |  |
| --- | --- |
| Proper Shipping name | Corrosive Liquid, N.O.S |
| Contains | Sodium hydroxide solution |
| UN No. Road | 1760 | UN No. Sea | 1760 |
| ADR Class No. | 8 | IMDG Class | 8 |
| ADR Class | Class 8: Corrosive substance | IMDG Pack Group | III |
| ADR Pack Group | III | EMS | F-A, S-B |
| Tunnel Restriction | (E) | UN No. Air | 1760 |
| Hazard No. (ADR) | 80 | Air Class | 8 |
| ADR Label No. | 8 | Air Sub Class | 8 |
| Hazchem code | 2P | Air Pack Group | III |

15. REGULATORY INFORMATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Labelling** |  Corrosive  |  |  |  |
| **Contains** | Sodium hydroxide  |
| **Risk Phrases** | R34 – Causes burnsR38 – Irritating to skin R41 – Risk of serious damage to eyes |
| **Safety Phrases** | S2 – Keep away from childrenS26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.S28 – After contact with skin, wash immediately with plenty of water.S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). |
| **Statutory Instrument** | Chemicals (Hazard information and packaging) regulations  |
| **Approved code of practice** | Safety data sheets for substances and preparations |
| **National Regulations** | The Chemicals (Hazard information and packaging for supply) Regulations 2002 No. 1689. Workplace Exposure Limits 2005 (EH40) |

16. OTHER INFORMATION

|  |  |
| --- | --- |
| **REV. No. / REPL. SDS** |  |
| **Generated** | 27th March 2012 |
| **SDS No.** | C2/434 |
| **Safety Data Sheet Status** |
| **Approved.** | 27th March 2012 |
| **Signature** |  |
| **Risk Phrases in Full** | R35 – Causes severe burnsR38 – Irritating to skin R41 – Risk of serious damage to eyesR50 – Very toxic to aquatic organisms  |
| **Notes** | This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company’s knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user’s responsibility to satisfy himself as to the suitability of such information for his own particular use.  |