|  |
| --- |
| **1. Identification of the substance/mixture and of the company/undertaking** |

|  |
| --- |
| **1.1. Product identifier** |

|  |  |  |
| --- | --- | --- |
| **Product Identity** | Phoenix Blast |   |
| **Alternate Names** | Phoenix Blast |   |

|  |
| --- |
| **1.2. Relevant identified uses of the substance or mixture and uses advised against** |

|  |  |  |
| --- | --- | --- |
| **Intended use** | Floor Pad Cleaner |   |
| **Application Method** | See Technical Data Sheet. |   |

|  |
| --- |
| **1.3. Details of the supplier of the safety data sheet** |

|  |  |
| --- | --- |
| **Company Name** | Phoenix Floor Care |
|   | 850 Boston Street SE |
|   | Grand Rapids, MI 49507 |
| **Emergency** |  |
| **CHEMTREC (USA)** | (800) 424-9300 |
| **Customer Service: Phoenix Floor Care** | 616-698-9240 (Phone)616-698-9243 (Fax) |

|  |
| --- |
| **2. Hazard identification of the product** |

|  |
| --- |
| **2.1. Classification of the substance or mixture** |

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |
| --- |
|  |

|  |
| --- |
| **2.2. Label elements** |
| Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows. |
|   |

|  |  |  |
| --- | --- | --- |
|

|  |  |
| --- | --- |
| GHS05 | GHS07 |

 |

|  |
| --- |
| **Danger**  |

|  |
| --- |
|  |

|  |
| --- |
|  |
|  |
|  |
|  |
|  |

|  |
| --- |
| **[Prevention]:**  |
|  |
|  |
|  |
|  |
|  |
| **[Response]:**  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| **[Storage]:**  |
| No GHS storage statements |
| **[Disposal]:**  |
| No GHS disposal statements |

|  |
| --- |
| **3. Composition/information on ingredients** |

|  |
| --- |
| This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. |

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredient/Chemical Designations** | **Weight %** | **GHS Classification** | **Notes** |
| **SODIUM HYDROXIDE CAS: 1310-73-2** | >1% | **H290****H314****H318****H402** | **1** |
| **2-BUTOXYETHANOL CAS: 11-76-2** | 4% | **H227****H304****H302****H315****H319** | **1, 2** |

|  |
| --- |
| [1] Substance classified with a health or environmental hazard.[2] Substance with a workplace exposure limit.[3] PBT-substance or vPvB-substance.\*The full texts of the phrases are shown in Section 16. |

|  |
| --- |
|  |
|  |

|  |
| --- |
| **4. First aid measures** |

|  |
| --- |
| **4.1. Description of first aid measures** |

|  |  |
| --- | --- |
| **General** | In all cases of doubt, or when symptoms persist, seek medical attention.Never give anything by mouth to an unconscious person.  |
| **Inhalation** | Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician. |
| **Eyes** | Flush eyes with water for at least 15 minutes and call a physician |
| **Skin** | Wash with large amounts of soap and water. If irritation persists, consult a physician |
| **Ingestion** | Aspiration into lungs may occur during the ingestion or vomiting, resulting in lung injury. Do not induce vomiting. Obtain emergency medical attention |

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

|  |  |
| --- | --- |
| **Overview** | Primary Routes of Exposure: Eye, Skin, Oral. Seek immediate medical attention. |
| **Inhalation** | Aspiration into lungs may result in lung damage |
| **Eyes** | Contact with eyes causes burns. Flush eyes for 15 minutes with water and consult a physician |
| **Skin** | Contact with skin can cause irritation and pain, redness, swelling with chemical burns and possible tissue destruction. May aggravate previously existing dermal conditions |
| **Ingestion** | May cause burns to mouth, throat and stomach. May cause vomiting. Aspiration during vomiting may result in lung damage |
|  |  |

|  |
| --- |
| **5. Fire-fighting measures** |

|  |
| --- |
| **5.1. Extinguishing media** |
| This product is not combustible. Water spray, foam, CO2 or dry chemicals may be used in areas where this product is stored. |

|  |
| --- |
|  |

|  |
| --- |
| **5.2. Special hazards arising from the substance or mixture** |
| None |

|  |
| --- |
|  |
|  |

|  |
| --- |
| **5.3. Advice for fire-fighters** |
| Do not enter confined fire-spaces without protective clothing and self-contained air supply. |

|  |  |
| --- | --- |
| **ERG Guide No.** | ----    |

|  |
| --- |
| **6. Accidental release measures** |

|  |
| --- |
| **6.1. Personal precautions, protective equipment and emergency procedures** |

|  |
| --- |
|   |

|  |
| --- |
| **6.2. Environmental precautions** |

|  |
| --- |
|   |
|  |

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

|  |
| --- |
|   |

|  |
| --- |
| **7. Handling and storage** |

|  |
| --- |
| **7.1. Precautions for safe handling** |
|   |
|   |

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

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

|  |
| --- |
| **8. Exposure controls and personal protection** |

|  |
| --- |
| **8.1. Control parameters** |
|  |

|  |
| --- |
| **Exposure** |

|  |  |  |  |
| --- | --- | --- | --- |
| **CAS No.** | **Ingredient** | **Source** | **Value** |
|   |   |   |   |
|   |   |
|   |   |
|   |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |

|  |
| --- |
|  |
|  |

|  |
| --- |
| **Carcinogen Data** |

|  |  |  |  |
| --- | --- | --- | --- |
| **CAS No.** | **Ingredient** | **Source** | **Value** |
|   |   | OSHA  |   |
| NTP  |   |
| IARC  |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |   |   |
|   |   |
|   |   |
|   |   |  |   |
|  |   |
|  |   |
|   |   |   |   |
|   |   |
|   |   |

|  |  |
| --- | --- |
| **8.2. Exposure controls** |    |
| **Respiratory** |   |
| **Eyes** |   |
| **Skin** |   |
| **Engineering Controls** |   |
| **Other Work Practices** |   |

|  |
| --- |
|   |

|  |
| --- |
| **9. Physical and chemical properties** |

|  |  |  |
| --- | --- | --- |
| **Appearance** |   |   |
| **Odor** |   |   |
| **Odor threshold** |   |   |
| **pH**  |   |   |
| **Melting point / freezing point**  |   |   |
| **Initial boiling point and boiling range**  |   |   |
| **Flash Point** |   |   |
| **Evaporation rate (Ether = 1)** |   |   |
| **Flammability (solid, gas)** |   |   |
| **Upper/lower flammability or explosive limits** | **Lower Explosive Limit:** NA  |   |
|  | **Upper Explosive Limit:** NA   |   |
| **Vapor pressure (Pa)** |   |   |
| **Vapor Density** |   |   |
| **Specific Gravity** |   |   |
| **Solubility in Water** |   |   |
| **Partition coefficient n-octanol/water (Log Kow)** |   |   |
| **Auto-ignition temperature**  |   |   |
| **Decomposition temperature** |   |   |
| **Viscosity (cSt)** |   |   |
| **VOC %** |   |   |

|  |
| --- |
| **9.2. Other information** |
|   |

|  |
| --- |
| **10. Stability and reactivity** |

|  |
| --- |
| **10.1. Reactivity** |
|   |
| **10.2. Chemical stability** |
|   |
| **10.3. Possibility of hazardous reactions** |
|   |
| **10.4. Conditions to avoid** |
|   |
| **10.5. Incompatible materials** |
|   |
| **10.6. Hazardous decomposition products** |
|   |

|  |
| --- |
| **11. Toxicological information** |

|  |
| --- |
| **Acute toxicity** |
|   |
|  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ingredient** | **Oral LD50, mg/kg** | **Skin LD50, mg/kg** | **Inhalation Vapor LD50, mg/L/4hr** | **InhalationDust/Mist LD50, mg/L/4hr** | **InhalationGas LD50, ppm** |
|   |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |
|   |   |   |   |   |   |

|  |
| --- |
| Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).  |

|  |  |  |
| --- | --- | --- |
| **Classification** | **Category** | **Hazard Description** |
| Acute toxicity (oral) |   |   |
| Acute toxicity (dermal) |   |   |
| Acute toxicity (inhalation) |   |   |
| Skin corrosion/irritation |   |   |
| Serious eye damage/irritation |   |   |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | --- | Not Applicable |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

|  |
| --- |
| **12. Ecological information** |

|  |
| --- |
| **12.1. Toxicity** |
| No additional information provided for this product. See Section 3 for chemical specific data. |
| **Aquatic Ecotoxicity** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Ingredient** | **96 hr LC50 fish, mg/l** | **48 hr EC50 crustacea, mg/l** | **ErC50 algae, mg/l** |
|   |   |   |  Not Available     |
|   |   |   |   |
|   |   |   |   |
|   |   |   |  Not Available      |
|   |   |   |  Not Available      |

|  |
| --- |
| **12.2. Persistence and degradability** |
| There is no data available on the preparation itself. |
| **12.3. Bioaccumulative potential** |
| Not Measured |
| **12.4. Mobility in soil** |
| No data available. |
| **12.5. Results of PBT and vPvB assessment** |
|   |
| **12.6. Other adverse effects** |
| No data available. |

|  |
| --- |
| **13. Disposal considerations** |

|  |
| --- |
| **13.1. Waste treatment methods** |
| Observe all federal, state and local regulations when disposing of this substance. |

|  |
| --- |
| **14. Transport information** |

|  |  |  |  |
| --- | --- | --- | --- |
|   | **DOT (Domestic Surface Transportation)** | **IMO / IMDG (Ocean Transportation)** | **ICAO/IATA** |
| **14.1. UN number** | Not Applicable | Not Regulated | Not Regulated |
| **14.2. UN proper shipping name** | Not Regulated | Not Regulated | Not Regulated |
| **14.3. Transport hazard class(es)** | **DOT Hazard Class:** Not Applicable | **IMDG:** Not Applicable**Sub Class:** Not Applicable | **Air Class:** Not Applicable |
| **14.4. Packing group** | Not Applicable | Not Applicable | Not Applicable |

|  |
| --- |
| **14.5. Environmental hazards** |

|  |  |
| --- | --- |
| **IMDG** | Marine Pollutant: No  |
| **14.6. Special precautions for user** |
|   | No further information |

|  |
| --- |
| **15. Regulatory information** |

|  |  |
| --- | --- |
| **Regulatory Overview** | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.   |
| **Toxic Substance Control Act ( TSCA)** | All components of this material are either listed or exempt from listing on the TSCA Inventory.  |
| **WHMIS Classification** |   |

|  |  |  |
| --- | --- | --- |
| **US EPA Tier II Hazards** | **Fire:** | No  |
|  | **Sudden Release of Pressure:** | No  |
|  | **Reactive:** | No  |
|  | **Immediate (Acute):** | Yes  |
|  | **Delayed (Chronic):** | No  |

|  |
| --- |
| **EPCRA 311/312 Chemicals and RQs:**           (No Product Ingredients Listed) |

|  |
| --- |
| **EPCRA 302 Extremely Hazardous :**           (No Product Ingredients Listed) |

|  |
| --- |
| **EPCRA 313 Toxic Chemicals:** |

|  |  |
| --- | --- |
|  |   |

|  |
| --- |
| **Proposition 65 - Carcinogens (>0.0%):**           (No Product Ingredients Listed) |

|  |
| --- |
| **Proposition 65 - Developmental Toxins (>0.0%):**           (No Product Ingredients Listed) |

|  |
| --- |
| **Proposition 65 - Female Repro Toxins (>0.0%):**           (No Product Ingredients Listed) |

|  |
| --- |
| **Proposition 65 - Male Repro Toxins (>0.0%):**           (No Product Ingredients Listed) |

|  |
| --- |
| **N.J. RTK Substances (>1%):** |

|  |  |
| --- | --- |
|  |   |

|  |  |
| --- | --- |
|  |   |

|  |
| --- |
| **Penn RTK Substances (>1%):** |

|  |  |
| --- | --- |
|  |   |

|  |  |
| --- | --- |
|  |   |

|  |
| --- |
| **16. Other information** |

|  |
| --- |
| The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders. |

|  |
| --- |
| The full text of the phrases appearing in section 3 is: |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|   |

|  |
| --- |
|  |

|  |
| --- |
|  |

|  |
| --- |
| **This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.** |

|  |
| --- |
| End of Document |