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**SAFETY DATA SHEET**

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| Crystal Liquid Rejuvenate  |

Revision Date 16th April 2012

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

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| --- | --- |
| **Product Name** | Crystal Liquid Rejuvenate  |
| **Synonyms, Trade Name** | Crystal Liquid Rejuvenate  |
| **Application** | **Dishwashing & Stain Removal** |

**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

SDS No. C2/421a

2. HAZARDS IDENTIFICATION

|  |
| --- |
| Irritant |
| **Classification**  | Irritating to eyes and skin |

3. COMPOSITION / INFORMATION ON INGREDIENTS

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| --- | --- | --- | --- | --- |
| NAME | EC No. | CAS-No. | Conc. | Classification |
| Citric acid | 201-069-1 | 5949-29-1 | 1-5% | Xi; R36 |
| Sulphamic acid | 226-218-8 | 5329-14-6 | 1-5% | Xi; R36/38 N; R52/53 |

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

4. FIRST-AID MEASURES

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| **Inhalation** | Remove victim immediately from source of exposure. Get medical attention if discomfort continues |
| **Ingestion** | NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Do not induce vomiting. Immediately rinse mouth and drink plenty of water (2200-300ml). Get medical attention if any discomfort continues.  |
| **Skin Contact** | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if discomfort continues  |
| **Eye Contact** | Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention |

5. FIRE-FIGHTING MEASURES

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| **Extinguishing Media Use:**  | Use fire-extinguishing media appropriate for surrounding materials. |
| **Unusual Fire & Explosion Hazards** | None |
| **Specific Hazard** | Ammonia or amines, oxides of: carbon, Nitrogen, sulphur dioxide. |
| **Protective Measures in Fire** | In case of fire, self contained breathing apparatus and full protective clothing must be worn. |

6. ACCIDENTAL RELEASE MEASURES

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| --- | --- |
| **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 shovel into suitable containers. Cover the containers before moving. Flush the area with water. Run-off or release to sewer, waterway or ground forbidden. Neutralise small amounts with HCI and flush to sewer with large amounts of water.  |

7. HANDLING AND STORAGE

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| --- | --- |
| **Usage Precautions** | Avoid Spilling, skin and eye contact. 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. Use in a well ventilated area. Do not store product in direct sunlight. Storage class, Corrosive  |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Wel= Workplace exposure limits**

**Protective Equipment**

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| --- | --- |
| **Engineering Measures** | Provide adequate ventilation |
| **Respiratory Equipment** | If ventilation is insufficient, suitable respiratory protection must be provided. |
| **Hand Protection** | Hand protection is recommended  |
| **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

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| **Appearance** | Liquid |
| **Colour** | Light red to clear |
| **Odour** | Low odour |
| **Solubility** | Miscible with water |
| **pH value** | pH5-4  |  |  |

10. STABILITY AND REACTIVITY

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| --- | --- |
| **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 alkalis |
| **Hazardous Decomposition Products**  | Fire creates: Carbon dioxide (co2). Carbon Monoxide (co) |

11. TOXICOLOGICAL INFORMATION

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| **Toxic Dose 1-ld 50**  | unknown |  |
| **Inhalation** | High concentration, may cause damage to mucous membranes in nose, throat, lungs and bronchial system  |
| **Ingestion** | May cause discomfort if swallowed  |
| **Skin Contact** | There may cause irritation and redness at the site of contact. Possible development of sensitivity. Wash affected area with soap and water |
| **Eye Contact** | There may be irritation, redness and profuse watering. Severe corneal burns can occur leading to permanently impaired or even loss of vision |

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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| --- | --- |
| **General Information** | Consumer products ending up down the drain after use. Observe safe handling precautions and local legislation. 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

Not subject to ADR / IATA / IMDG Codes

15. REGULATORY INFORMATION

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| **Labelling** | http://actrav.itcilo.org/actrav-english/telearn/osh/kemi/dan14.gif Irritant  |  |  |  |
| **Contains** | Sulphamic acid Citric Acid |
| **Risk Phrases** | R36/38 – Irritating to eyes and skin |
| **Safety Phrases** | S1/2S26S28S36/37/39S45 | Keep locked away from childrenIn case of contact with eyes, rinse immediately with plenty of water and seekmedical advice.After contact with skin, wash immediately with plenty of water.Wear suitable protective clothing, gloves and eye/face protection.In case of accident or if you feel unwell, seek medical advice immediately (showthe 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

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| **REV. No. / REPL. SDS** |  |
| **Generated** | 16th April 2012 |
| **SDS No.** | C2/421a |
| **Safety Data Sheet Status** |
| **Approved.** | 16th April 2012 |
| **Signature** |  |
| **Risk Phrases in Full** | R36 – Irritating to eyesR36/38 – Irritating to eyes and skinR52/53 – Harmful to aquatic organisms may cause long term adverse effects to the aquatic environment. |
| **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.  |