**SAFETY DATA SHEET**

**Issue Date: 5-29-15**  **Revision Date: 9-1-2021** **Version** 1

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name: Neutral pH Floor Cleaner**

 **Item# 474 09 020 01 – Case of 4 1-Gallon Jugs**

 **Item# 474 09 020 05 – 5-Gallon Pail**

 **Item# 474 09 020 55 – 55-Gallon Drum**

**Other Means of Identification**

**SDS # NRFC-1**

**UN/ID No Not determined**

**Product Code NRFC**

**Recommended Use of the Chemical and Restrictions on Use Recommended Use: Industrial use floor product for the purpose of daily cleaning/regular maintenance of floor surfaces.**

**Details of the Supplier of the Safety Data Sheet**

**Supplier Address Illinois Correctional Industries**

  **1301 Concordia Court**

 **P.O. Box 19277**

 **Springfield, IL 62794-9277**

**Emergency Telephone Number**

**Company Phone Number 1-800-634-0213 (Illinois Correctional Industries – Springfield)**

**Emergency Telephone 1-800-222-1222 (Poison Control Center)**

**2. HAZARDS IDENTIFICATION**

**Classification**

|  |  |
| --- | --- |
| Acute toxicity – Oral |  Category 4 |
| Serious Eye Damage/Eye Irritation | Category 2B |
| Skin corrosion/irritation | Category 2 |

 **Signal Word**

 Caution

 **Hazard Statements**

 Harmful if swallowed, Causes eye irritation, Harmful in contact with skin, Causes skin irritation and Harmful if inhaled.



 **Physical State:** Liquid.

**Precautionary Statements – Prevention**

Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product.

Wear eye/face protection, Wear protective gloves, Avoid breathing mist, and use in a well ventilated area.

**Precautionary Statements - Response**

 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

 Get medical attention if irritation occurs.

 **IF SWALLOWED:** Call a POISON CENTER or doctor/physician if you feel unwell.

  **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

 **IF SKIN IRRITATION OCCURS:** Get medical attention, Take off contaminated clothing and wash it before reuse.

 **Precautionary Statements - Disposal**

 Dispose of content/containers to an approved wasted disposal plant.

**Hazards Not Otherwise Classified (HNOC)**

 None

**Other Hazards**

**None**

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

|  |  |  |
| --- | --- | --- |
| **Chemical Name** | **CAS No** | **Weight-%** |
| Water |  | 50-70 |
| Alcohol Ethoxylate | 68439-46-3 | 20-25 |
| Tetrasodium Iminodisuccinate | 144538-83-0 | 1-5 |
|  Sodium Xylene Sulfonate | 1300-27-7 | 1-5 |
|  Monoethanolamine | 141-43-5 | 1-5 |

**4. FIRST AID MEASURES**

**First Aid Measures**

**Inhalation** Remove to fresh air. If symptoms persist, call a physician.

**Eye Contact IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

**Ingestion** Rinse mouth, Call POISON CENTER or doctor/physician of you feel unwell.

**Skin Contact** Wash with plenty of water. If skin irritation persists, call a physician.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms** May cause severe eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

 **Unsuitable Extinguishing Media**

NOT determined.

**Specific Hazards Arising from the Chemical**

Non - flammable.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH ( approved or equivalent ) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Dike ahead of large spills to prevent

run-off. Do not touch or walk through spilled material. Stop discharge, if it can be performed

 safely, and contain material. If a substantial quantity is spilled, recover with pump or

 vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable

 container for disposal.

**Methods for Cleaning Up** Do not flush to sewer, stream or other body of water. Do not flush with water into waste

treatment system. Dispose of in accordance with local ordinances, state laws or federal

 regulations.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using product Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in dry, cool and well-ventilated place.

**Incompatible Materials** Strong Acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**  No exposure limits noted for ingredient(s)

**Appropriate Engineering Controls**

**Engineering Controls** Provide adequate ventilation, Eyewash stations.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection**  Wear approved safety goggles where a splash hazard exists.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confine areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Physical State Appearance Color** | LiquidAmber LiquidAmber | **Odor****Odor Threshold** | Not determined Not determined |
| **Property** | **Values**  | **Remarks • Method**  |  |
| **pH****Melting Point/Freezing Point****Boiling Point/Boiling Range****Flash Point****Evaporation Rate Flammability (Solid, Gas)****Upper Flammability Limits** | Not determinedNot determinedNot determinedNon-flammableNot determined  n/a-liquidNot determined |  |  |
| **Lower Flammability Limit** | Not determined |  |  |
| **Vapor Pressure Vapor Density Specific Gravity Water Solubility****Solubility in Other Solvents****Partition Coefficient****Auto ignition Temperature Decomposition Temperature Kinematic Viscosity****Dynamic Viscosity****Explosive Properties****Oxidizing Properties** | Not determined Not determined Not determinedCompleteNot determined Not determined Not determined Not determined Not determined Not determined Not an explosive Not determined |  |  |

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

None known.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation** Avoid breathing vapors or mists.

**Eye Contact** Causes serious eye irritation.

**Skin Contact** Avoid contact with skin.

**Ingestion** Harmful if swallowed.

**Component Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **Oral LD50** | **Dermal LD50** | **Inhalation LC50** |
| Alcohol Ethoxylate 68439-46-3 | = 1378mg/kg (Rat) | > 2 g/kg (Rabbit)  |  - |
| Monoethanolamine 141-43-5 | = 1720 mg/kg (Rat) | = 1 mL/kg (Rabbit) = 1025 mg/hg (Rabbit) |  - |

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical Name** | **Algae/aquatic plants** | **Fish** | **Toxicity to****microorganisms** | **Crustacea** |
| Monoethanolamine 144143-5 | 15: 72 h Desmodesmus subspicatus mg/L EC50 | 227: 96 Pimephales promelas mg/L LC50 flow-through h 3684: 96 h |  | 65: 48 h Daphnia magnamg/L Ec50 |

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

|  |  |
| --- | --- |
| **Chemical Name** | **Partition Coefficient** |
| Monoethanolamine 141-43-5 | -1.91 |

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA**  Not regulated

**IMDG**  Not regulated

**International Inventories**

Not Determined

**15. REGULATORY INFORMATION**

**Legend:**

***TSCA*** *- United States Toxic Substances Control Act Section 8(b) Inventory*

***DSL/NDSL*** *- Canadian Domestic Substances List/Non-Domestic Substances List*

***EINECS/ELINCS*** *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

***ENCS*** *- Japan Existing and New Chemical Substances* ***IECSC*** *- China Inventory of Existing Chemical Substances* ***KECL*** *- Korean Existing and Evaluated Chemical Substances*

***PICCS*** *- Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 313**

Not determined

**US State Regulations**

**U.S. State Right-to-Know Regulations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **New Jersey** | **Massachusetts** | **Pennsylvania** |
| Monoethaolamine 141-43-5 |  X | X | X |

**16. OTHER INFORMATION**

**NFPA Health Hazards**

1

**HMIS Health Hazards**

1

**Flammability**  0

**Flammability** 0

**Instability**

0

 **Physical Hazards** 0

**Special Hazards**

None Known

**Personal Protection B**

**Issue Date**

**Revision Date 1-Sept-2021**

**Revision Note** New format

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.**

**The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.**

**The 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 process, unless specified in the text.**

**End of Safety Data Sheet**