**SAFETY DATA SHEET**

**Issue Date: 8-25-15** **Revision Date: 9-1-2021** **Version** 1

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name: No Rinse Floor Stripper**

 **Item# 474 09 019 01 – Case of 4 1-Gallon Jugs**

 **Item# 474 09 019 05 – 5-Gallon Pail**

 **Item# 474 09 019 55 – 55-Gallon Drum**

**Other Means of Identification**

**SDS # Not determined**

**UN/ID No**

**Product Code Not determined**

**Recommended Use of the Chemical and Restrictions on Use Recommended Use: Industrial use floor stripping agent for use in removal of wax buildup and/or complete removal of sealer, wax, or related substances to bring floors back to original bare surface.**

**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**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|  |  |
| --- | --- |
| Acute toxicity - Oral | Category 4 |
| Acute toxicity – Dermal | Category 4 |
| Acute toxicity – Inhalation (Dust/Mists) | Category 4 |
| Skin corrosion/irritation | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Flamable | Category 4 |

**Signal Word**

 Danger

**Hazard Statements**

Harmful if swallowed, Harmful in contact with skin, Harmful if inhaled, Causes severe skin burns and eye damage, May cause respiratory irritation. May cause drowsiness or dizziness, Harmful to aquatic life with long lasting effects. A Combustible Liquid.

 

 **Physical State:** Liquid.

**Precautionary Statements – Prevention**

Wash face, hands and any exposed sin thoroughly after handling. Do not eat, smoke when using this product. Wear protective gloves/eye protection/protective clothing/ face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid release to the environment. Keep away from heat/sparks/open flames hot surfaces. – No smoking and Keep cool.

**Precautionary Statements - Response**

 If exposed or concerned: Get medical advice/attention

 IF IN EYES: Rinse cautiously with water. IF ON SKIN (or hair): Remove/Take off immediately contaminated clothing. Rinse skin

 with water/shower. IF INHALED: Remove victim to fresh air and keep at resting position comfortable for breathing call a POISON

 Center or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician immediately, rinse

 mouth with water, Do Not induce vomiting. In case of a fire: Use CO2, dry chemical, or foam for extinction.

**Precautionary Statements – Storage**

Store locked up, in a well-ventilated place. Keep container tightly closed.

**Precautionary Statements - Disposal**

 Dispose of contents/container in accordance with federal, state and local ordinances.

**Hazards Not Otherwise Classified (HNOC)**

**Other Hazards**

Unknown Acute Toxicity 0.0211% of the mixture consists of ingredient(s) of unknown toxicity.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

|  |  |  |
| --- | --- | --- |
| **Chemical Name** | **CAS No** | **Weight-%** |
| Monoethanolamine | 141-43-5 | 10 – 30 |
| 2-Butoxyethanol | 111-76-2 | 40 – 70 |
| Alcohol Ethoxylate | 68439-46-3 | 1 – 5 |

**4. FIRST AID MEASURES**

**First Aid Measures**

**Inhalation** Remove victim to fresh air, if not breathing give artificial respiration, if breathing is difficult

 give oxygen. Call a doctor/physician or POISON CENTER immediately.

**Eye Contact** Flush immediately with plenty of water, also under the eyelids for at least 15 minutes

 Keep eyes open wide while rinsing. After initial flushing remove contact lenses and continue

 to flushing for at least 15 minutes. If symptoms persist, call a doctor/physician.

**Ingestion** DO NOT induce vomiting. Clean mouth with water, drink plenty of water afterward. Call a POISON CENTER or doctor/physician immediately for prompt medical attention.

**Skin Contact** Immediately wash skin with plenty of soap and water. Remove contaminated clothing and shoes, If skin irritation persists call a POISON CENTER or doctor/physician immediately for prompt medical attention.

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

**Symptoms** Any additional important symptoms and effects are described in Section 11: Toxicity Information.

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

**Note to Physicians** Product is a corrosive material. use of gastric lavage or emesis is contraindicated.

 Possible perforation of stomach or esophagus should be investigated. Do Not give

 chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood

 pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat

 symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Foam of carbon dioxide or dry chemical.

 **Unsuitable Extinguishing Media**

Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

The product causes burns of eyes, skin and mucous membranes. Keep product and empty container away from heat and sources of ignition. Risk of ignition. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breath fumes.

**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. Avoid contact with skin, eyes or clothing.

 Remove all sources of ignition, Pay attention to flashback. Take precautionary measures

 against static discharges.

**Environmental Precautions** Do not allow into any sewer, on the ground or into any body of water. Should not be released

 into the environment. Do Not flush into surface water or sanitary sewer system. Prevent

 further leakage or spillage if safe to do so. Prevent product from entering drains.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

.

**Methods for Cleaning Up** Dike far ahead of spillage for later disposal. Soak up with inert absorbent material.

 Take up mechanically, placing appropriate containers for disposal. Clean contaminated

 surface thoroughly. Prevent product from entering drains. Dam up. Pick up and transfer

 to properly labeled containers. take precautionary measures against static discharges.

 After cleaning, flush away traces with water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Use personal protective equipment as required, Avoid contact with skin, eyes or clothing.

 Ensure adequate ventilation, especially in confined areas. Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breath dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and closed systems.

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

**Storage Conditions** Keep containers in a dry, cool, and well-ventilated place. Keep out of reach of children.

 Keep away from heat, sparks, flames and other sources of ignition. Keep container tightly

 closed in a cool, well ventilated place. Keep away from heat. Keep in properly labeled

 containers.

**Incompatible Materials** Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**  Exposure guidelines noted for ingredient(s).

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **ACGIH TLV** | **OSHA PEL** | **NIOSH IDLH** |
| 2-butoxyethanol 111-76-2 | TWA: 20 ppm | TWA: 50 ppmTWA: 240 mg/m3(vacated) TWA: 25 ppm(vacated) TWA: 120 mg/m3(vacated) S\*S\* | IDLH: 700 ppmTWA: 5 ppmTWA: 24 mg/m3 |
| Monoethanolamine141-43-5 | STEL: 6 ppmTWA: 3 ppm | TWA: 3 ppmTWA: mg/m3(vacated) TWA: 3 ppm(vacated) TWA: 8 mg/m3(vacated) STEL: 6 ppm(vacated) STEL: 15 mg/m3 | IDLH: 30 ppmTWA: 3 ppmTWA: 8 mg/m3STEL: 6 ppmSTEL: 15 mg/m3 |
| Potassium Hydroxide1310-58-3 | Ceiling: 2 mg/m3 | (vacated) Ceiling: 2 mg/m3 | Ceiling: 2 mg/m3 |
| Diethanolamine111-42-2 | TWA: 1 mg/m3 inhalable fraction and vaporS\* | (vacated) TWA: 3 ppm(vacated) TWA: 15 mg/m3 | TWA: 3ppmTWA: 15 mg/m3 |

 **Other Information** Vacated limits revoked by the Court Of Appeals decision in AFL- CIO v. OSHA,

 965 F.2d. 962 ( 11th Cir.,1992).

**Appropriate Engineering Controls**

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

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

**Eye/Face Protection** Wear safety glasses (or goggles). Wear a face shield if splashing exists.

**Skin and Body Protection** Wear impervious protective clothing as appropriate to prevent skin contact.

**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

 respiratory protection should be worn. Positive-pressure supplied air respirators may be

 required for high airborne contaminant concentration. Respiratory protection must be

 provided in accordance with current local regulations.

**General Hygiene Considerations** Avoid contact with skin, eyes or clothing Wear suitable gloves and eye/face protection.

 Take off all contaminated clothing and wash it before reuse. Contaminated work clothing

 should not be allowed out of the work place. When using do not eat, drink or smoke.

 Regular cleaning of equipment, work area and clothing is recommended. Keep away from

 food, drink and animals feeding stuff.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on Basic Physical and Chemical Properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Physical State Appearance Color** | LiquidClearColorless to light Amber | **Odor****Odor Threshold** | StrongNot determined |
| **Property** | **Values**  | **Remarks • Method**  |  |
| **pH****Melting Point/Freezing Point****Boiling Point/Boiling Range****Flash Point****Evaporation Rate Flammability (Solid, Gas)****Upper Flammability Limits** | 12.5 – 13.5No InformationNo Information>67 0 C / 153 0Fn/a-liquidNot determined | (Butyl Acetate = 1) |  |
| **Lower Flammability Limit** | Not determined |  |  |
| **Vapor Pressure Vapor Density Specific Gravity Water Solubility****Solubility in Other Solvents****Partition Coefficient****Autoignition Temperature Decomposition Temperature Viscosity****Dynamic Viscosity****Explosive Properties****Oxidizing Properties** | Not determined less than air 1CompleteNot determined Not determined Not determined Not determined <25 cP @ 250C Not determined Not determined Not determined | (Air = 1)(H2O = 1) |  |

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Heat, flames and sparks. Exposure to air or moisture over prolonged periods.

**Incompatible Materials**

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

**Hazardous Decomposition Products**

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**11. TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation** Harmful if inhaled. Inhalation of vapors in high concentration may cause irritation of

 respiratory system. May cause drowsiness or dizziness.

**Eye Contact** Avoid contact with eye. Causes severe eye damage.

**Skin Contact** Avoid contact with skin. May causes severe irritation or burns to the skin. Prolonged or

 repeated contact may cause absorption to the skin.

**Ingestion** Harmful if swallowed. Do not taste or swallow. Not an expected route of exposure.

**Component Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **Oral LD50** | **Dermal LD50** | **Inhalation LC50** |
| 2-butoxyethanol111-76-2 | = 470 mg/kg ( Rat ) | = 99 mg/kg ( Rabbit ) | = 450 ppm ( Rat ) 4 h |
| Monoethanolamine141-43-5 | = 1720 mg/kg ( Rat ) | = 1 mL/kg ( Rabbit )= 1000 mg/kg ( 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** The table below indicates whether each agency has listed any ingredient as a carcinogen.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical Name** |  **ACGIH** | **IARC** | **NTP** | **OSHA** |
| 2-butoxyethanol111-76-2 |  A3 | Group 3 | - |  - |

**STOT – repeated exposure** Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw

 necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common

 Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of

 irreversible effects. May cause adverse effects on the bone marrow and blood-forming system.

 May cause adverse liver effects.

**Target organ effects** Blood ,

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **Algae/aquatic plants** | **Fish** | **Crustacea** |
| 2-(2-ethoxyethoxy)ethanol 111-90-0 | \_\_ - |  1490: 96 h Lepomis macrochirusmg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50 | 1000: 48 h Daphnia magna mg/LEC50 1698 – 1940: 24 h Daphniamagna mg/L EC50 |
| Monoethanolmine141-43-5 | 15: 72 h Desodesmus subspicatusmg/L EC50  | 227: 96 h Pimephales promelasmg/L LC50 flow-throouhg 3684: 96hBrachydanio rerio mg/L LC50 static300 – 1000:96 h Lepomis macrochirus mg/L LC50 sattic 114 –196: 96 h Oncorhynchus mykiss mg/L LC50 static 20: 96 h Oncorhynchus mykiss mg/L LC50flow - through | 65: 48 h Daphnia magna mg/L EC50 |
| Potassium Hydroxide1310-58-3 |  \_-  | 80: 96 h Gambusia Affinis mg/L LC50 static |  - |
| Tetrasodium EDTA64-02-8 | 1.01: 72 h Desmodesmussubspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/LLC50 static 59.8:96 h Pimephalespromelas mg/L LC50 static | 610: 24 h Daphnia magna mg/L EC50 |
| Diethanolamine11-42-2 |  7.8: 72 h Desmodesmus subspicatus mg/L EC50 2.1 – 2.3: 96 h Pseudokirchneriella subcapitatamg/L EC50 | 4460 -4980: 96 h Pimephalespromelas mg/L LC50 flow-through1200 – 1580: 96 h Pimephalespromelas mg/L LC50 static 600 – 1000: 96 h Lepomis macrochirismg/L LC50 static | 55: 48 h Daphnia magna mg/L EC50  |
| Trisodium nitrilotriacetate5064-31-3 | 560 – 1000: 96 h Chlorella vulgarismg/L EC50  | 93 – 170: 96 H Pimephales promelasmg/L LC50 flow-through 560 – 100096 h Oryzias latipes mg/L LC50semi-static 72 – 133: 96 h Oncorhynchus mykiss mg/L LC50static 560 – 1000: 96 h Poecilia reticultata mg/ l LC50 175 – 225: 96h Lepomis macrochirus mg/L LC50static 252: 96 h Lepomis macrochirusmg/L LC50 470: 96 h Pimephales promelas mg/L LC50 static 560 – 1000: 96 h Oryzias latipes mg/L LC50 | 560 - 1000: 48 h Daphnia magna mg/L LC50  |

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

|  |  |
| --- | --- |
| **Chemical Name** | **Partition Coefficient** |
| 2-butoxyethanol111-76-2 |  0.81 |
| Monoethanolmine 141-43-5 |  -1.91 |

**Other Adverse Effects**

No information available.

**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** Do not reuse container

**14. TRANSPORT INFORMATION**

This basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping paper for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

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

**International Inventories**

**TSCA** Complies

**DSL/NDSL** Complies

**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*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of this Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**US State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals

|  |  |
| --- | --- |
| **Chemical Name** | **California Proposition 65** |
| Diethanolamine – 11-42-2  |  Carcinogen  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **New Jersey** | **Massachusetts** | **Pennsylvania** |
| 2-butoxyethanol111-76-2 | X | X | X |
| Monoethanolamine141-43-5 | X | X | X |
| Potassium Hydroxide1310-58-3 | X | X | X |
| Diethanolamine111-42-2 | X | X | X |
| Sodium Hydroxide1310-73-2 | X | X | - |
| Trisodium nittrilotriacetate5064-31-3 | - | X | - |

 **U.S. EPA Label Information**

 **EPA Pesticide Registration Number** Not Applicable

**16. OTHER INFORMATION**

**NFPA Health Hazards**

3

**HMIS Health Hazards**

3

**Flammability**

2

**Flammability**

2

**Instability**

0

 **Physical Hazards** 0

**Physical and Chemical Properties**

Yes

**Personal Protection** Not determined

**Issue Date 25-Aug-2015**

**Revision Date 01-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**