1. **PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifier**

**Product Name Liquid Laundry Detergent**

 Item # 474-09-018-00 Case/100 per. 2oz.Packs

 Item # 474-09-018-01 Case of 4-1 Gallon Jugs

 Item # 474-09-018-02 Case of 12 Quarts

 Item # 474-09-018-05 5-Gallon Pail

 Item # 474-09-018-55 55 Gallon Drum

**Other Means of Identification**

**Product Code: Not determined**

**Recommended use of the chemical and Restrictions of Use**

Machine Laundry Detergent

No restrictions known

**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**

|  |  |
| --- | --- |
| Skin Corrosion/Irritation | Yes |
| Eye Damage/Irritation | Yes |
| Hazards to Aquatic Environment- Acute | Not Determined |

**Signal Word**

Caution

**Hazard Statements**

Causes Eye and Skin Irritation



**Physical State:** Liquid

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Avoid release to the environment.

**Precautionary Statements - Response**

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing call a doctor/physician if irritation develops.

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

 **Ingestion:** Rinse out mouth. Do NOT induce vomiting. Call a Poison Control Center or doctor.

 **Inhalation:** No specific response required.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Other Hazards**

 None Known

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

|  |  |  |
| --- | --- | --- |
| **Chemical Name** | **CAS No** | **Weight-%** |
| Sodium Lauryl Ether Sulfate | 9004-82-4 | 9-15% |
| Dodecyl Benzene Sulfonate | 25155-30-3 | 2-8% |
| Alpha Olefin Sulfonate | 68439-57-6  | 2-8% |
| Alkyl Polyglucoside | 68515-73-1  | 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 out mouth. Call a POISON CENTER or doctor/physician if you feel ill.

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

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

**Symptoms** Exposed individuals may experience eye tearing, redness, and discomfort.

**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.

**Environmental Precautions** See Section 12 for additional ecological information.

**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** keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. 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 a dry, cool and well-ventilated place.

**Incompatible Materials** Strong acids and reducing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **ACGIH TLV** | **OSHA PEL** | **NIOSH IDLH** |
| Sodium Lauryl Sulfate Not Established Not Established Not Established Not Established Not Established Not EstablishedDodecyl Benzene Sulfonate Not Established Not Established Not Established Alpha Olefin Sulfinate Not Established Not Established Not EstablishedAlkyl Polyglucoside Not Established Not Established Not Established | Not Established  | Not Established  | Not Established  |
| Dodecyl Benzene Sulfonate | Not Established  | Not Established  | Not Established  |
| Alpha Olefin Sulfinate Not Established Not Established Not EstablishedAlkyl Polyglucoside | Not Established  | Not Established  | Not Established  |
| Alkyl Polyglucoside | Not Established  | Not Established  | Not Established  |

**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 confined areas.

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Physical State Appearance** **Color** | LiquidClear Viscous LiquidBlue | **Odor****Odor Threshold** | PleasantNot determined |
| **Property** | **Values**  | **Remarks • Method**  |  |
| **pH****MeltingPoint/Freezing Point Boiling Point/Boiling Range Flash Point**  | 6-9Not determined Nd Not determined Not determined Non-flammable |  |  |
| **Property****Evaporation Rate** | **Values** Not determined | **Remarks • Method**  |
| **Flammability (Solid, Gas)****Upper Flammability Limits** | n/a-liquidNot determined |  |
| **Lower Flammability Limit** | Not determined |  |
| **Vapor Pressure****Vapor Density Specific Gravity Water Solubility****Solubility in Other Solvents****Partition Coefficient Autoignition Temperature Decomposition Temperature Kinematic Viscosity****Dynamic Viscosity Explosive Properties Oxidizing Properties** |  Not determinedNot determined1.04-1.09Soluble in waterNot determined Not determinedNot determinedNot determinedNot determinedNot an explosiveNot 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. Store in a cool, dry place away from acids and reducing agents.

**Incompatible Materials**

Strong reducing agents.

**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 C**auses eye irritation

**Skin Contact** Causes skin irritation.

**Ingestion** Do not taste or swallow.

**Component Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Chemical Name** | **Oral LD50** | **Dermal LD50** | **Inhalation LC50** |
| Sodium Lauryl Sulate | 1288 mg/kg Rat | 580 mg/kg Rabbit  | Not Determined |
| Dodecyl Benzene Sulfonate | 1330 mg/kg Rabbit | Not Determined | Not Determined |
| Alpha Olefin Sulfonate | 1300-2400 mg/kg Rat | Not Determined | Not Determined |
| Alkyl Polyglucoside | >5000 mg/kg Rat | Not Determined | Not Determined |

**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** Carcinogenic potential is unknown.

**Numerical Measures of Toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Not Determined

**Persistence and Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Not Determined.

**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**

**DOT** – Not Regulated

**15. Regulatory INFORMATION**

**International Inventories**

Not Determined

**US Federal Regulations**

**SARA 313**

Not determined

**CERCLA**

Not determined

**US State Regulations**

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

 None Known

**16. OTHER INFORMATION**

**Issue Date** 29-May-15

**Revision Date** 01-Sept-21

**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 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.**