


Safety Data Sheet

| Section 1 - Product Information | | | |
|--|---|--|--|
| Product Name: Fusion Ultra Mechanical Dish Detergent 90000 | | Supplier: | CASH-WA DISTRIBUTING CO |
| Product Code Number: OPWP | Information Phone: 1-308-237-3151 | Address: | 401 West 4th Street Kearny, NE 68845 |
| Product use: Machine Warewash Detergent | Emergency Contact: CHEMTREC 1-800-424-9300 | | |
| Section 2 - Hazard Identification | | | |
| GHS Classification: Skin Corrosion (Category 1B), Eye Corrosive (Category 1), Corrosive To Metals (Category 1), Oral Toxicity (Category 4) | | | |
| Section 2.1 - Label Elements | | | |
| <p style="text-align: center;">Hazard Pictograms</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Signal Word: Danger</p> <p style="text-align: center;">Hazard Statements:</p> <p>H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage.</p> | <p style="text-align: center;">Precautionary Statements:</p> <p>P234: Keep only in original container. P260: Do not breathe dust/fume/gas/mist/vapors/spray. P264: Wash hands thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P330+P331+P317: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get emergency medical help. P302+P361+P354: IF ON SKIN: Take off Immediately all contaminated clothing. Immediately rinse with water for several minutes. P363: Wash contaminated clothing before reuse. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P316: Get emergency medical help immediately. P321: Specific treatment see section 4. P305+P354+P338: IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P390: Absorb spillage to prevent material damage. P405: Store locked up. P406: Store in corrosive resistant container with a resistant inner liner. P501: Dispose of contents/container in accordance with local/regional/national/international regulations(to be specified).</p> | | |
| Section 3 - Composition | | | |
| Chemical Name | CAS # | Percent w/w | |
| Sodium Hydroxide | 1310-73-2 | 38 | |
| Section 4 - First Aid Measures | | | |
| IF ON SKIN: Flush with flowing water for at least 15 minutes or until slippery feeling disappears. Get medical attention for any burns that may occur. Wash contaminated clothing before reuse | | | |
| IF IN EYES: Flush with flowing water for several minutes. Remove contacts if present and easy to do. Continue rinsing. | | | |
| IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. | | | |
| IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. | | | |
| Section 5 - Fire and Explosion Hazard Data | | | |
| Flash Point: | Limits | Extinguishing Media: | Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn. |
| none | LEL: NA UEL: NA | Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved. | |
| Section 6 - Accidental Release Measures | | | |
| Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Stop leak if safe to do so. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container. Absorb spillage to prevent material damage. See section 13 for advice on waste disposal. | | | |
| Section 7 - Handling and Storage | | | |
| Do not get in eyes, on skin, or on clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Handle and open container with care. Do not eat, drink or smoke when using this product. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Store locked up. Store in corrosive resistant container with a resistant inner liner. Store upright in original closed container. | | | |

| Section 8 - Exposure Controls/PPE | | | | | | | | | |
|--|--|--|--------------|-----------------------------|---|---------------------|------------------------|---------------------------------|----------------|
| Ingredient | OSHA PEL: | ACGIH TLV | PPE | | General Hygiene Considerations: | | | | |
| Sodium Hydroxide | 2mg/m ³ | 2mg/m ³ | Respiratory: | not normally required | Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard. | | | | |
| | | | Eye: | safety glasses, face shield | | | | | |
| | | | Skin: | Apron, alkali proof gloves | | | | | |
| | | | Ventilation: | Normal Room Ventilation | | | | | |
| Section 9 - Physical and Chemical Properties | | | | | | | | | |
| Appearance | odor | odor threshold | pH | Melting Point | Boiling point | Evaporation rate | Flammability | Upper/lower flammability limits | Vapor pressure |
| red liquid | mild | NE | 14 | NE | 212°F | >1(water =1) | NA | NA | 17mm Hg |
| Vapor Density | Density | Specific Gravity | pH(use dil) | Solubility | Partition coefficient | Auto Ignition temp | Viscosity | Decomposition Temp | |
| 0.62(air =1) | 11.7 | 1.41 | 13 | 100% in water | NE | NA | thin | NE | |
| Section 10 - Stability and Reactivity | | | | | | | | | |
| Product is stable, hazardous polymerization will not occur. Incompatible with strong acids. If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide, Nitrous Oxides. | | | | | | | | | |
| Section 11- Toxicological Information | | | | | | | | | |
| Ingredient | Acute toxicity (oral LD50) rat | Acute toxicity(derm. LD50)rabbit | Skin and Eye | Carcinogen | Mutagen | Reproduct. Toxicity | STOST -Single Exposure | STOST Repeated Exposure | |
| Sodium Hydroxide | NE | 1350mg/kg | corrosive | Not listed | No info | No info | No info | No info | |
| Section 12 - Ecological Information | | | | | Section 13 - Disposal Considerations | | | | |
| Fish toxicity not available. Biodegradability not available. Toxic to aquatic life through a raise in pH to toxic levels. | | | | | Products covered by this SDS, in their original form, are considered corrosive waste, waste code D002, according to RCRA (40 CFR 261). Do not allow this material to drain into sewers/water supplies. Dispose of in accordance with applicable Federal, State and Local regulations. | | | | |
| Section 14 - Transport Information | | | | | | | | | |
| UN number | Basic Description(DOT) | | | | Class | Packing Group | LTD QTY | | |
| UN1719 | Caustic Alkali Liquids, n.o.s.(Contains sodium hydroxide) | | | | 8 | II | < 1 L | | |
| UN number | Basic Description(IATA) | | | | Class | Packing Group | LTD QTY | | |
| UN1719 | Caustic Alkali Liquids, n.o.s.(Contains sodium hydroxide) | | | | 8 | II | < 0.5 L | | |
| UN number | Basic Description(IMDG) | | | | Class | Packing Group | LTD QTY | | |
| UN1719 | Caustic Alkali Liquids, n.o.s.(Contains sodium hydroxide) | | | | 8 | II | < 1 L | | |
| Section 15 - Regulatory Information | | | | | | | | | |
| SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986. | | | | | | | | | |
| CERCLA: Sodium Hydroxide (RQ = 1,000 lbs). For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68 | | | | | | | | | |
| California Prop 65: | This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm. | | | | | | | | |
| Section 16 - Other Information | | | | | | | | | |
| | | HMIS: Health - 3 Flam. - 0 R - 1 | | PPE- D | | | | | |
| Date Prepared: 29 Jun 2023 | | Prepared by: Environmental, Health and Safety Administrator. | | | | | | | |
| The information provided in this Safety Data Sheet is correct to the best of our knowledge 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 materials or in any process, unless specified in the text. | | | | | | | | | |
| Legend for Abbreviations: NA - not applicable NE - Not Established | | | | | | | | | |