


# Safety Data Sheet

| Section 1 - Product Information  |                               |  |                                     |   |   |
|--|-------------------------------|--|-------------------------------------|---|---|
| Product Name: chloro-det   |                               |  | Supplier: Intercon Chemical Company |   |   |
| Product Code Number: 0706  |                               | Information Phone: 1-314-771-6600  |                                     | Address: 1100 Central Industrial Drive<br>St. Louis, MO 63110   |   |
| Product use:   | Chlorinated Dish Machine Det. | Emergency Contact: CHEMTREC 1-703-741-5970   |                                     |   |   |
| Section 2 - Hazard Identification  |                               |  |                                     |   |   |
| GHS Classification: Skin Corrosion Category 1B, Eye corrosive Category 1, Oral Toxicity Category 4   |                               |  |                                     |   |   |
| Section 2.1 - Label Elements   |                               |  |                                     |   |   |
| Hazard Pictograms  |                               | Precautionary Statements:  |                                     |   |   |
|   |                               | Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust.<br>IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.<br>IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing.<br>IF SWALLOWED: Rinse mouth, Do NOT induce vomiting.<br>IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.<br>Specific treatment (see section 4 of the sds)<br>Store locked up. Dispose of contents/containers to an approved waste handling facility |                                     |   |   |
| Signal Word: Danger  |                               |  |                                     |   |   |
| Hazard Statements:<br>Causes severe skin burns and eye damage. Harmful if swallowed.   |                               |  |                                     |   |   |
|  |                               |  |                                     |   |   |
| Section 3 - Composition  |                               |  |                                     |   |   |
| Chemical Name  |                               | CAS #  |                                     | Percent w/w   |   |
| Potassium Hydroxide  |                               | 1310-58-3  |                                     | < 15  |   |
| Sodium Hydroxide   |                               | 1310-73-2  |                                     | < 10  |   |
| Sodium Hypochlorite  |                               | 7681-52-9  |                                     | < 5   |   |
|  |                               |  |                                     |   |   |
| Section 4 - First Aid Measures   |                               |  |                                     |   |   |
| IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.                   |                               |  |                                     |   |   |
| IF IN EYES: Rinse cautiously with 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.   |                               |  |                                     |   |   |
| Immediately call a POISON CENTER or physician.   |                               |  |                                     |   |   |
| Section 5 - Fire and Explosion Hazard Data   |                               |  |                                     |   |   |
| Flash Point:   | Limits                        | Extinguishing Media:   |                                     | Special Fire Fighting Procedures:   |   |
| none   | LEL: NA<br>UEL: NA            | Water spray or fog, foam, dry chemical, carbon dioxide or alcohol foam, if product involved.   |                                     | Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. <b>UNUSUAL FIRE &amp; EXPLOSION HAZARD:</b> Product will not burn. |   |
|  |                               |  |                                     |   |   |
| Section 6 - Accidental Release Measures  |                               |  |                                     |   |   |
| Neutralize with dilute acid, or sodium bicarbonate. Mop up and flush to sewer with plenty of water. Floors may be slippery. Use care to avoid falls. |                               |  |                                     |   |   |
| Section 7 - Handling and Storage   |                               |  |                                     |   |   |
| Store locked up. Store upright in original closed container.   |                               |  |                                     |   |   |
| Section 8 - Exposure Controls/PPE  |                               |  |                                     |   |   |
| Ingredient   | OSHA PEL:                     | ACGIH TLV  | PPE                                 |   | General Hygiene Considerations:   |
| Potassium Hydroxide  | 2mg/m <sup>3</sup>            | 2mg/m <sup>3</sup>   | 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. |
| Sodium Hydroxide   | 2mg/m <sup>3</sup>            | 2mg/m <sup>3</sup>   | 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 |
|------------------|-------------------|------------------|-------------|---------------|-----------------------|--------------------|--------------|---------------------------------|----------------|
| Colorless liquid | Chlorine          | NE               | 14          | NE            | 212°F                 | >1(water =1)       | NA           | NA                              | 17mm Hg        |
| Vapor Density    | Density (lbs/gal) | Specific Gravity | pH(use dil) | Solubility    | Partition coefficient | Auto Ignition temp | Viscosity    | Decomposition Temp              |                |
| 0.62(air =1)     | 10                | 1.2              | 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 |
|---------------------|-------------------------------|----------------------------------|--------------|------------|---------|---------------------|------------------------|-------------------------|
| Potassium Hydroxide | 213mg/kg                      | 1350mg/kg                        | corrosive    | Not listed | No info | No info             | No info                | No info                 |
| Sodium Hydroxide    | 200mg/kg                      | 1350mg/kg                        | corrosive    | Not listed | No info | No info             | No info                | No info                 |
|                     |                               |                                  |              |            |         |                     |                        |                         |
|                     |                               |                                  |              |            |         |                     |                        |                         |

Other:

### Section 12 - Ecological Information

No information available

### Section 13 - Disposal Considerations

Products covered by this SDS, in their original form, are considered corrosive hazardous waste(waste code D002) according to RCRA(40 CFR 261). 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 potassium hydroxide, sodium hydroxide) | 8     | II            | < 1Liter |

### 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: Potassium Hydroxide, Sodium Hydroxide. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

### Section 16 - Other Information

|                |             |  |           |       |        |
|----------------|-------------|--|-----------|-------|--------|
|                |             | HMIS: Health - 3   | Flam. - 0 | R - 1 | PPE- D |
| Date Prepared: | 18-Nov-2019 | 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