INNOVATIVE CHEMICAL CORPORATION

7769 95th Street South
Cottage Grove, MN

# SAFETY DATA SHEET

**Revision Date**: 8/6/2015
**Emergency Phone:** 1-800-535-5053 (Infotrac)

## Section 1: Identification

**Product Name:** Oven & Grill Cleaner Concentrate
**Code:** 98POC00
**Chemical Type:** Liquid

**Manufacturer/Supplier:**
Innovative Chemical Corporation
7769 95th Street South
Cottage Grove, MN 55016
651-649-1762

## Section 2: Hazard(s) Identification

### OSHA Regulatory Status

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

| | |
|---|---|
| Acute toxicity - Oral | Not classified |
| Acute toxicity - Dermal | Not classified |
| Skin corrosion/irritation | Category 1 Sub-category A |
| Serious eye damage/eye irritation | Category 1 |

### Label elements

**Signal word:** Danger
**Hazard statements:** Causes severe skin burns and eye damage
Harmful to aquatic life with long lasting effects

### Precautionary Statements

**Prevention:** Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment

**Response:** Immediately call a POISON CENTER or doctor/physician. Specific Treatment (See Section 4 on the SDS). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**Storage:** Store locked up

**Disposal:** Dispose of contents/container to an approved waste disposal plant

**Unknown Acute Toxicity:** 0.0375% of the mixture consists of ingredient(s) of unknown toxicity

## Section 3: Composition/Information on Ingredients

### CAS number/other identifiers

| Hazardous Components | | |
|---|---|---|
| **Chemical Name** | **%weight** | **CAS** |
| Potassium Hydroxide | 20-30 | 1310-58-3 |
| Tetrasodium EDTA | 1-5 | 64-02-8 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational limits, if available are listed in Section 8.

## Section 4: First-Aid Measures

### Description of first aid measures

| | |
|---|---|
| **General advice** | Immediate medical attention is required. |
| **Skin Contact** | Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. |
| **Eye contact** | Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. |
| **Inhalation** | Remove to fresh air. Call a physician or poison control center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. |
| **Ingestion** | Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or poison control center immediately. |
| **Self-protection of the first aider** | Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. |

### Most important symptoms and effects, both acute and delayed

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

### Indication of any immediate medical attention needed

| | |
|---|---|
| **Notes to Physician** | 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. |

**See toxicological information (Section 11)**

## Section 5: Fire-Fighting Measures

### Extinguishing media

| | |
|---|---|
| **Suitable extinguishing media** | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| **Unsuitable extinguishing media** | Caution: 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. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes. |
| **Explosion data** | **Sensitivity to Mechanical Impact:** None. |
| | **Sensitivity to Static Discharge:** None. |
| **Protective equipment for fire-fighters** | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

## Section 6: Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

| | |
|---|---|
| **Personal precautions** | Evacuate personnel to safe areas. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. |
| **Environmental precautions** | Do not allow into any sewer, on the ground or into any body of water. Should not be released into the environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. |
| **Methods for containment** | Prevent further leakage or spillage if safe to do so. |
| **Methods for cleaning up** | Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Dam up. After cleaning, flush away traces with water. |

## Section 7: Handling and Storage

### Precautions for safe handling

| | |
|---|---|
| **Advice on general occupational hygiene** | Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems. |
| **Storage Conditions** | Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers. |
| **Incompatible materials** | Incompatible with strong acids and bases. Incompatible with oxidizing agents. |

## Section 8: Exposure Controls/Personal Protection

### Control parameters

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Potassium Hydroxide | Ceiling: 2 mg/m3 | (vacated) Ceiling: 2 mg/m3 | Ceiling: 2 mg/m3 |
| Sodium Hydroxide | Ceiling: 2 mg/m3 | TWA: 2 mg/m3<br>(vacated) Ceiling: 2 mg/m3 | IDLH: 10 mg/m3<br>Ceiling: 2 mg/m3 |

| | | | |
|---|---|---|---|
| Phosphoric Acid | STEL: 3 mg/m3<br>TWA: 1 mg/m3 | TWA: 1 mg/m3<br>(vacated) TWA: 1 mg/m3<br>(vacated) STEL: 3 mg/m3 | IDLH: 1000 mg/m3<br>TWA: 1 mg/m3<br>STEL: 3 mg/m3 |

*NIOSH IDLH Immediately Dangerous to Life or Health*

| | |
|---|---|
| **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

| | |
|---|---|
| **Eye/face protection** | Tight sealing safety goggles. Face protection shield. |
| **Skin and body protection** | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, 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 concentrations. Respiratory protection must be provided in accordance with current local regulations. |
| **General Hygiene** | When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection. |

# Section 9: Physical and Chemical Properties

| | |
|---|---|
| **Physical state** | Liquid |
| **Color** | Red |
| **Odor** | None Added |
| **Odor threshold** | No Information available |
| | |
| **pH** | 14 |
| **Specific Gravity** | 1.065 |
| **Viscosity** | < 25 cP @ 25°C |
| **Melting point/freezing point** | No Information available |
| **Flash point** | None |
| **Boiling point / boiling range** | No Information available |
| **Evaporation rate** | No Information available |
| **Flammability (solid, gas)** | |
| **Flammability Limits in Air** | |

| | |
|---|---|
| **Upper flammability limit:** | Not Applicable |
| **Lower flammability limit:** | Not Applicable |
| **Vapor pressure** | No Information available |
| **Vapor density** | No Information available |
| **Water solubility** | Complete |
| **Partition coefficient** | No Information available |
| **Autoignition temperature** | No Information available |
| **Decomposition temperature** | No Information available |
| **Density Lbs/Gal** | 8.87 |
| **VOC Content (%)** | Not Applicable |

## Section 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:** | 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. |

## Section 11: Toxicological Information

### Information on likely routes of exposure

| | |
|---|---|
| **Product Information** | Harmful by inhalation, ingestion, in contact with eyes and skin. |
| **Inhalation** | Inhalation of vapors in high concentration may cause severe irritation or burns to the respiratory tract. |
| **Eye contact** | Avoid contact with eyes. Corrosive to the eyes and may cause severe damage including blindness. |
| **Skin Contact** | Corrosive. Contact with skin may cause severe irritation and burns. |
| **Ingestion** | Ingestion causes acute irritation and burns to the mucous membranes of the mouth, trachea, esophagus and stomach. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Potassium Hydroxide | = 284 mg/kg ( Rat ) | Yes | Yes |

### Information on toxicological

**Symptoms** No Information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---|---|
| **Sensitization** | No Information available. |
| **Germ cell mutagenicity** | No Information available. |
| **Carcinogenicity** | No Information available. |
| **Reproductive toxicity** | No Information available. |
| **STOT - single exposure** | No Information available. |
| **STOT - repeated exposure** | No Information available. |
| **Chronic toxicity** | 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. |
| **Target organ effects** | EYES, Respiratory system, Skin. |
| **Aspiration hazard** | No Information available. |

## Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 0.0375% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document .**

# Section 12: Ecological information

## Ecotoxicity

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Potassium Hydroxide | Yes | 80: 96 h Gambusia affinis mg/L LC50 static | Yes |
| Tetrasodium EDTA | 1.01: 72 h Desmodesmus subspicatus mg/L EC50 | 41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static | 610: 24 h Daphnia magna mg/L EC50 |
| Sodium Hydroxide | Yes | 45.4: 96 h Oncorhynchus mykiss mg/L LC50 static | Yes |
| Phosphoric Acid | Yes | 3 - 3.5: 96 h Gambusia affinis mg/L LC50 | 4.6: 12 h Daphnia magna mg/L EC50 |

| | | | |
|---|---|---|---|
| Trisodium nitrilotriacetate | 560 - 1000: 96 h Chlorella vulgaris mg/L EC50 | 93 - 170: 96 h Pimephales promelas mg/L LC50 flow-through 560 - 1000: 96 h Oryzias latipes mg/L LC50 semi-static 72 - 133: 96 h Oncorhynchus mykiss mg/L LC50 static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 semi-static 560 - 1000: 96 h Poecilia reticulata mg/L LC50 114: 96 h Pimephales promelas mg/L LC50 175 - 225: 96 h Lepomis macrochirus mg/L LC50 static 252: 96 h Lepomis macrochirus mg/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 available.

## Bioaccumulative potential

Bioaccumulative potential

| Chemical Name | Partition Coefficient |
|---|---|
| Potassium Hydroxide | 0.83 |

## Other adverse effects

Not available.

## Section 13: Disposal considerations

**Disposal of wastes**

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

**Contaminated packaging**

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical Name | California Hazardous Waste Status |
|---|---|
| Potassium Hydroxide | Toxic<br>Corrosive |

## Section 14: Transport information

| Regulatory info | UN number | Proper shipping name | Classes | PG | Environmental hazards | Additional info |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| DOT Classification | 1760 | Corrosive liquids, n.o.s. | 8 | II. | | |
| TDG Classification | 1760 | Corrosive liquids, n.o.s. | '8 | II. | | |
| Mexico Classification | 1760 | Corrosive liquids, n.o.s. | '8 | II. | | |
| ADR/RID Class | 1760 | Corrosive liquids, n.o.s. | '8 | II. | | |
| IMDG Class | 1760 | Corrosive liquids, n.o.s. | '8 | II. | | |
| IATA-DGR Class | 1760 | Corrosive liquids, n.o.s. | '8 | II. | | |

## Section 15: Regulatory information

### International Inventories

**TSCA** Complies
**DSL/NDSL** Complies

### 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 the 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

### SARA 311/312 Hazard Categories

| | |
|---|---|
| Acute health hazard | Yes. |
| Chronic Health Hazard | Yes. |
| Fire hazard | No. |
| Sudden release of pressure hazard | No. |
| Reactive Hazard | No. |

### CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|---|---|---|---|
| Potassium Hydroxide | 1000 lb | Yes | Yes | X |

## CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|---|---|---|---|
| Potassium Hydroxide | 1000 lb | Yes | RQ 1000 lb final RQ<br>RQ 454 kg final RQ |

## California Proposition 65

This product does not contain any Proposition 65 chemicals

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

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Potassium Hydroxide | X | X | X |
| Sodium Hydroxide | X | X | X |
| Phosphoric Acid | X | X | X |
| Trisodium nitrilotriacetate | Yes | X | Yes |

## U.S. EPA Label Information

**EPA Pesticide Registration Number** Not Applicable

**EPA Statement** Not Applicable

## Section 16: Other information

**Hazardous Material Information System (U.S.A.):**

| | |
|---|---|
| **Health** | ***3** |
| **Flammability** | **0** |
| **Physical hazards** | **0** |

**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller (800) 327-6868.**

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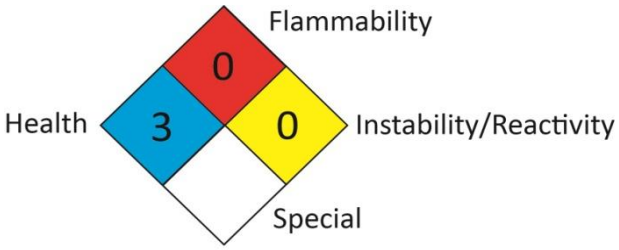
**National Fire Protection Association:**



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