



## SAFETY DATA SHEET

### 1. Product and company identification

Product Name COMBI-OVEN OVEN RINSE  
Product Code C-OR01  
  
UN/ID No. DOT (U.S.): UN1760 Corrosive Liquids, N.O.S.

#### Recommended use of the chemical and restrictions on use

Recommended use: For Industrial and Commercial Use Only

Supplier: **HD Chem**  
707 W. 16<sup>th</sup> St.  
Long Beach, CA 90813 (888) 443-2426

Print date: February 19, 2019

In case of emergency: Call CHEMTREC (800) 424-9300

Product type: Mixture

### 2. Hazards identification

Appearance: Clear

Physical State: Liquid

Odor: Mild

|                 |                                   |            |
|-----------------|-----------------------------------|------------|
| Health hazards: | Acute Toxicity, oral              | Category 4 |
|                 | Skin corrosion/irritation         | Category 1 |
|                 | Serious eye damage/eye irritation | Category 1 |

Signal Word: Danger



#### Hazard Statement:

Ingestion: Harmful if swallowed.  
Eyes & Skin: Causes severe skin burns and eye damage. Causes serious eye damage

#### Precautionary Statements – Preventions

Read label before use. Keep out of reach of children  
Keep area well ventilated  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area  
Do not breath dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection  
Keep out of reach of children

#### **Precautionary Statements – Response**

Immediately Call A Poison Center Or Doctor/Physician

If medical advice is needed, have product container or label at hand

**If in eyes:** Remove contact lenses if easy to do so. Flush with large amounts of water for 15 minutes lifting upper and lower eyelids. If irritation persist seek medical attention

**Skin:** Wash affected area with plenty of soap and water. If irritation persists, or redness develops, seek medical attention

**Inhalation:** If discomfort is experienced after prolonged exposure to mists/vapors move to fresh air

**Ingestion:** Do **NOT** induce vomiting. If conscious, give moderate amounts of water to wash mouth area and dilute remaining residue. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

#### **Precautionary Statements – Storage**

Store in a cool, dry, well ventilated area away from heat or flame

#### **Precautionary Statements –Disposal**

Dispose of contents/container in accordance with local/regional/national/international regulations.

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### **3. Composition/information on ingredients**

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| <b><u>Name</u></b>                       | <b><u>CAS number</u></b> | <b><u>%</u></b> |
|------------------------------------------|--------------------------|-----------------|
| Acetic Acid, 2-hydroxy                   | 79-14-1                  | 5-6             |
| Ethoxylated alcohol                      | Trade Secret             | 7-8             |
| Other components below reportable levels |                          |                 |

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### **4. First aid measures**

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|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact:</b>                                         | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.                                                                             |
| <b>Skin contact:</b>                                        | Take off immediately all contaminated clothing. Rinse skin with water/shower. Call a physician or poison control center immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.                                                |
| <b>Inhalation:</b>                                          | If discomfort is experienced after prolonged exposure to mist/vapors remove to fresh air. Call a physician if symptoms develop or persist.                                                                                                                                  |
| <b>Ingestion:</b>                                           | Call a physician or poison center immediately. Rinse mouth Do <b>NOT</b> induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not give anything by mouth to an unconscious person. Seek medical attention immediately. |
| <b>Most important symptoms/ Effects, acute and delayed:</b> | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.                                                             |
| <b>General information:</b>                                 | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show safety data sheet to the doctors in attendance.                                                                                                       |

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### **5. Fire-fighting measures**

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|                                                                      |                                                                                                                                       |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Foam, Powder, Carbon dioxide (CO <sub>2</sub> )                                                                                       |
| <b>Unsuitable extinguishing media</b><br><b>Extinguishing media:</b> | Do not use water jet as an extinguisher, as this will spread fire.                                                                    |
| <b>Specific hazards arising from the Chemical:</b>                   | During fire, gases hazardous to health may be formed                                                                                  |
| <b>Special protective equipment for fire-fighters:</b>               | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent and full protective gear. |
| <b>General fire hazards</b>                                          | No unusual fire or explosion hazards noted.                                                                                           |

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## 6. Accidental release measures

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|                                   |                                                                                                                                                                                                                                                                                     |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions:</b>      | Use personal protective equipment as required                                                                                                                                                                                                                                       |
| <b>Environmental precautions:</b> | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.                                                                                        |
| <b>Methods for cleaning up</b>    | Prevent further leakage or spillage if safe to do so.                                                                                                                                                                                                                               |
| <b>Small spill:</b>               | Dike and contain liquid. Mop up spill and rinse area. Floor may be slippery when wet.                                                                                                                                                                                               |
| <b>Large spill:</b>               | Dike and contain liquid/spill and cap leaking container as necessary to prevent further spreading of spilled material. Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Pick up and transfer to properly labeled container. |

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## 7. Handling and storage

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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling &amp; Storage</b> | <p>Wash face, hands and any exposed skin thoroughly after handling.<br/> Do not eat, drink or smoke when using this product.<br/> Use only outdoors or in a well-ventilated area<br/> Do not breathe dust/fume/gas/mist/vapors/spray<br/> Wear protective gloves/protective clothing/eye protection/face protection<br/> Keep out of reach of children</p> <p>Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or deface the label on container. Store away from incompatible materials (see section 10).</p> |
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## 8. Exposure controls/personal protection

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Occupational exposure limits. No exposure limits noted for ingredient(s).

|                             |                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls</b> | <b>Apply technical measures to comply with the occupational exposure limits.</b><br><b>Local exhaust ventilation recommended. Eye wash stations. Showers.</b> |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Individual-protection measures, such as personal protective equipment

|                                       |                                                                                                                                                               |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye/Face Protection</b>            | Chemical Anti-splash safety goggles with side shields and a face shield.                                                                                      |
| <b>Skin and Body Protection</b>       | Wear appropriate chemical resistant gloves. Suitable protective clothing<br>Wear appropriate thermal protective clothing, when necessary.                     |
| <b>Respiratory Protection</b>         | Ensure adequate ventilation, especially in confined areas. In case in inadequate ventilation wear respiratory protection                                      |
| <b>General Hygiene considerations</b> | Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or |

smoking. Routinely was contaminated clothing with soap and water before reuse. Wash face, hands and any exposed skin thoroughly with soap and water after handling.

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## 9. Physical and chemical properties

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|                                        |           |
|----------------------------------------|-----------|
| Physical state                         | Liquid    |
| Color                                  | Clear     |
| Boiling/condensation point             | 212 F.    |
| Specific Gravity: (H <sub>2</sub> O=1) | 1.0       |
| Solubility In Water                    | 100%      |
| Vapor Pressure                         | <17 mm H. |
| Vapor Density                          | <1        |
| Evaporation Rate (BuAC=1)              | <1        |
| VOC                                    | <10 g/l   |
| pH                                     | 1         |

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## 10. Stability reactivity

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|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Stability                        | Stable under normal conditions of use, storage and transport. |
| Hazardous polymerization         | No hazardous decomposition products are known.                |
| Conditions to avoid              | Contact with incompatible materials.                          |
| Materials to avoid               | Strong Oxidizing agents                                       |
| Hazardous decomposition products | Oxides of carbon and nitrogen                                 |

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## 11. Toxicological information

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### Information on likely routes of exposure

|              |                                                    |
|--------------|----------------------------------------------------|
| Inhalation   | May cause irritation to the respiratory system     |
| Skin contact | Causes severe skin burns                           |
| Eye contact  | Causes serious eye damage                          |
| Ingestion    | Causes digestive tract burns. Harmful if swallowed |

### Symptoms related to the physical, chemical and toxicological characteristics:

Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing redness, swelling and blurred vision. Permanent eye damage including blindness could result.

**Information on toxicological effects:** Acute Toxicity: Harmful if swallowed.

**Reproductive toxicity:** This product is not expected to cause reproductive or developmental effects.

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## 12. Ecological information

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**Ecotoxicity:** This product is not classified as environmentally hazardous; however, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Other adverse effects:** None known

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## 13. Disposal considerations

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**Waste disposal:** The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and

any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURECONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

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## 14. Transport information

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### DOT Classification (U.S.):

| Regulatory         | UN number | Proper shipping name                      | Classes | PG* |
|--------------------|-----------|-------------------------------------------|---------|-----|
| DOT Classification | UN1760    | Corrosive liquids, N.O.S. (Glycolic Acid) | 8       | II  |

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## 15. Regulatory information

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**California Proposition 65:** This product does not contain any Proposition 65 chemicals

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## 16. Other information

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### HMIS

### Health Hazards

2

### Flammability

0

### Reactivity

0

### Personal Protection

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### Disclaimer

The information provided in the 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.

End of Safety Data Sheet