



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. 16th St.
Long Beach, CA 90813
(888) 443-2426

Print date: February 19, 2019

In case of emergency: Call (888) 443-2436

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 persists 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.

3. Composition/information on ingredients

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

4. First aid measures

Eye contact:	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.
Skin contact:	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.
Inhalation:	If discomfort is experienced after prolonged exposure to mist/vapors remove to fresh air. Call a physician if symptoms develop or persist.
Ingestion:	Call a physician or poison center immediately. Rinse mouth Do NOT 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.
Most important symptoms/ Effects, acute and delayed:	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.
General information:	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.

5. Fire-fighting measures

Suitable extinguishing media	Foam, Powder, Carbon dioxide (CO2)
Unsuitable extinguishing media Extinguishing media:	Do not use water jet as an extinguisher, as this will spread fire.
Specific hazards arising from the Chemical:	During fire, gases hazardous to health may be formed
Special 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.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions:	Use personal protective equipment as required
Environmental precautions:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological Information. See Section 13, Disposal Considerations, for additional information.
Methods for cleaning up	Prevent further leakage or spillage if safe to do so.
Small spill:	Dike and contain liquid. Mop up spill and rinse area. Floor may be slippery when wet.
Large spill:	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.

7. Handling and storage

Handling & Storage	<p>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</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

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

Engineering Controls **Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.**

Individual-protection measures, such as personal protective equipment

Eye/Face Protection	Chemical Anti-splash safety goggles with side shields and a face shield.
Skin and Body Protection	Wear appropriate chemical resistant gloves. Suitable protective clothing Wear appropriate thermal protective clothing, when necessary.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case in inadequate ventilation wear respiratory protection
General Hygiene considerations	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.

9. Physical and chemical properties

Physical state	Liquid
Color	Clear
Boiling/condensation point	212 F.
Specific Gravity: (H ₂ 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

10. Stability reactivity

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

11. Toxicological information

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.

12. Ecological information

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

13. Disposal considerations

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.

14. Transport information

DOT Classification (U.S.):

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

15. Regulatory information

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

16. Other information

HMIS

Health Hazards

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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