



## SAFETY DATA SHEET

---

### 1. Product and company identification

---

Product Name: DISH MACHINE RINSE

Product Code: C-R01

UN/ID No. Not Classified as hazardous

**Recommended use of the chemical**

Recommended Use: For use in mechanical dish washing machines to speed drying & prevent spotting in of dishes, glassware and flatware

**Print date:** November 30, 2014

**Supplier:** **HD Chem**  
707 W. 16<sup>th</sup> St.  
Long Beach, CA 90813  
(888) 443-2436

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

**Product type:** Mixture

---

### 2. Hazards identification

---

**Appearance:** Blue                      **Physical State:** Liquid                      **Odor:** Mild

**Classification:** DOT (U.S): Not regulated

**Hazard Statement:**

**Eyes:** May cause moderate irritation  
**Skin:** Prolonged or repeated contact may cause irritation and drying skin.  
**Ingestion:** If used outdoors or in a well ventilated area, not harmful. Use caution when concentrated product is heated and inhaled.

**Precautionary Statements – Preventions**

Keep out of reach of children  
Read label before use  
Wash hands thoroughly after handling  
Wear eye protection  
Keep area well ventilated

**Precautionary Statements – Response**

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 to an approved waste disposal plant

---

### 3. Composition/information on ingredients

---

No Hazardous Ingredients

Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know act of 1986 (CFR 1372)

---

### 4. First aid measures

---

<b>Eye contact:</b>	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.
<b>Skin contact:</b>	Wash affected area with plenty of soap and water. If irritation persists, or redness develops, seek medical attention.
<b>Inhalation:</b>	If discomfort is experienced after prolonged exposure to mist/vapors remove to fresh air.
<b>Ingestion:</b>	Do <b>NOT</b> 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.
<b>Note to physician</b>	Treat symptomatically

---

### 5. Fire-fighting measures

---

<b>Flash point:</b>	>200 F
<b>Unusual Fire &amp; Explosion</b>	Containers exposed to heat from fires should be cooled with water fog to prevent container rupture
<b>Extinguishing media:</b>	
<b>Suitable:</b>	Water. Water spray (fog), Dry chemical, Carbon dioxide (CO2)
<b>Non suitable:</b>	Not determined
<b>Special exposure hazards:</b>	Product is not flammable. Product reacts exothermically with water
<b>Hazardous thermal:</b>	None known
<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.

---

### 6. Accidental release measures

---

<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.

---

## 7. Handling and storage

---

<b>Handling &amp; Storage</b>	Store in a cool, dry, well ventilated area away from heat or flame. Do not destroy or deface the label on container
-------------------------------	---

---

## 8. Exposure controls/personal protection

---

Consult local authorities for acceptable exposure limits.

<b>Engineering Controls</b>	<b>Apply technical measures to comply with the occupational exposure limits. 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
<b>Skin and Body Protection</b>	Rubber gloves. Suitable protective clothing
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection
<b>General Hygiene considerations</b>	Wash 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

---

<b>Physical state</b>	Liquid
<b>Color</b>	Blue
<b>Boiling/condensation point</b>	212 F.
<b>Specific Gravity: (H<sub>2</sub>O=1)</b>	0.98
<b>Solubility In Water</b>	100%
<b>Vapor Pressure</b>	<17 mm H.
<b>Vapor Density</b>	<1
<b>Evaporation Rate (BuAC=1)</b>	<1
<b>VOC</b>	<10 g/l
<b>pH</b>	9-9.5

---

## 10. Stability reactivity

---

<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Will not occur
<b>Conditions to avoid</b>	Extreme temperatures
<b>Materials to avoid</b>	Strong Oxidizers
<b>Hazardous decomposition products</b>	Oxides of carbon and nitrogen

---

## 11. Toxicological information

---

None Known

---

## 12. Ecological information

---

**Environmental effects:** Not determined

---

## 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 contract with soil, waterways, drains and sewers.

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

---

## 14. Transport information

---

**DOT Classification (U.S.):** Not regulated

---

## 15. Regulatory information

---

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

---

## 16. Other information

---

<u>HMIS</u>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Reactivity</b>	<b>Personal Protection</b>
	1	0	0	B

 **Indicates information that has changed from previously issued version.**

**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