



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. 16th 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

Eye contact:	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 contact:	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 mist/vapors remove 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.
Note to physician	Treat symptomatically

5. Fire-fighting measures

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

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	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.

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
Skin and Body Protection	Rubber gloves. Suitable protective clothing
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case in inadequate ventilation wear respiratory protection
General Hygiene considerations	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

Physical state	Liquid
Color	Blue
Boiling/condensation point	212 F.
Specific Gravity: (H₂O=1)	0.98
Solubility In Water	100%
Vapor Pressure	<17 mm H.
Vapor Density	<1
Evaporation Rate (BuAC=1)	<1
VOC	<10 g/l
pH	9-9.5

10. Stability reactivity

Stability	Stable
Hazardous polymerization	Will not occur
Conditions to avoid	Extreme temperatures
Materials to avoid	Strong Oxidizers
Hazardous decomposition products	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 contact 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>	Health Hazards	Flammability	Reactivity	Personal Protection
	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