SAFETY DATA SHEET

CRC-240

Rinse Additive

1. Product and Company Identification

Product identifier

Product name: Rinse Additive

Other means of identification

SDS#: CRC-240

Product Code: CRC-240

UN/ID Number: NA

Recommended use of the chemical and restrictions on use

Recommended use: Rinse agent

Details of the supplier of the safety data sheet

Manufacturer Address:

Colonial Research Chemical Corp.
PO Box 609
Norfolk, NE 68702-0609

Specialty Products Since 1970

Emergency Telephone Number

Company Phone Number: 402-379-0100

Emergency Telephone Number: 800-535-5053

2. Hazards Identification

Appearance: Thick, blue liquid **Physical State:** Liquid **Odor:** Slight, bland odor

Classification

Eyes: Can cause irritation

Skin: Can cause irritation, or dermatitis.

Ingestion: Harmful, causes illness.

Inhalation: May cause irritation.

Chronic effects: Eye irritation, skin irritation and dryness, nasal irritation.

Medical Conditions aggravated: Eye irritation, dermatitis, respiratory irritation.

Signal Word

Warning

Hazard Statements

Warning/Irritant
Harmful if Swallowed.
Can cause eye and skin irritation
May cause respiratory irritation.

Precautionary Statements- Prevention

Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use in well ventilated area
Do not breathe fume/gas/mist/vapors/spray
Wear protective gloves/protective clothing/eye protection

Precautionary Statements- Response

Immediately call poison control or doctor
IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN OR CLOTHING: Remove contaminated clothing. Wash with soap and water for 15 minutes. Wash contaminated clothing before use.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED: Rinse mouth with water. Then drink large amounts of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call poison center or doctor immediately.

Precautionary Statements-Storage

Keep out of reach of children. Keep container closed when not in use. Read all cautions and directions before using the product. Use only as specified on the label. Do not mix with other cleaners or chemicals. Avoid all skin and eye contact. Avoid inhalation of vapors. Store in a cool area away from ignition sources. Avoid contact with material from broken or leaking containers. Contaminated clothing must be washed before reuse. Read all instructions on label before using.

Precautionary Statements-Disposal

Dispose of contents/ container according to Federal, State, and Local regulations.

3. Composition / Information on Ingredients

Chemical Name	CAS #	Percent
Alkoxylated Linear Alcohol	68439-51-0	30 – 40 %
Hempene 100	64-02-8	1 – 10 %
Non-hazardous and other components below reportable levels		50 – 75 %

4. First Aid Measures

First aid Measures

Eye contact: Remove contact lenses if present. Flush with water for 15 minutes lifting upper and lower eyelids. Call a physician.

Skin contact: Remove contaminated clothing and wash with soap and water for 15 minutes.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Ingestion: Rinse mouth with water, and then drink large of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Most important symptoms and effects

Symptoms: Eyes: Can cause irritation
Skin: Can cause irritation
Ingestion: Causes illness.
Inhalation: May cause irritation.

5. Fire Fighting Measures

Suitable extinguishing media

Material will not support combustion. Use media suitable for surrounding fire.

Specific Hazards Arising From the Chemical

Overheated containers may rupture or melt. Vapors from this product are heavier than air and may travel a considerable distance to ignition and flashback.

Protective equipment and precautions for firefighters

Containers involved in a fire may be cooled by applying flooding quantities of water from as far a distance as possible. Do not spread flames with water used for cooling. Vapors from the product may ignite, but solution will not support combustion. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. All containers should be cooled with water to prevent vapor pressure build up.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Evacuate immediate area where fumes are present. Wear protective clothing as described in Section 8 of this safety data sheet.

Methods and material for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Ventilate the area. Remove ignition sources. Wear appropriate safety equipment and attempt to stop the flow of material. Contain the spill and collect with an absorbent or by wet vacuuming. Rinse away residues with water to avoid slippery conditions. Keep gross spills out of sewers, water sources and waterways. Dispose of according to Federal, State and Local regulations.

7. Handling and Storage

Precautions for Safe Handling

Handling: Handle in accordance with good industrial hygiene and safety practice. Read all directions on label of container before using. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke while using this product. Use only with adequate ventilation. Use personal protection recommended in Section 8.

Conditions for safe storage

Storage Conditions:

Handling: Keep out of reach of children. Keep container closed when not in use. Read all cautions and directions before using the product. Use only as specified on the label. Do not mix with other cleaners or chemicals. Avoid all skin and eye

contact. Avoid inhalation of vapors. Store in a cool area away from ignition sources. Avoid contact with material from broken or leaking containers. Contaminated clothing must be washed before reuse

Incompatible Materials: Strong oxidizers

8. Exposure Controls / Personal Protection

Exposure Guidelines

ACGIH

Components	**CAS #**	**TLV**
	None	None

OSHA

Components	**CAS #**	**PEL**
	None	None

Personal protective equipment

Protective clothing: Recommended to avoid wetting skin and clothes.
Eye / face protection: Glasses.
Protective gloves: Rubber.
Respiratory protection: Usually not required.
Ventilation: Local exhaust is sufficient.

9. Physical & Chemical Properties

Appearance: Thick, blue liquid
Boiling point: 82^{o} C
Flash point: 49^{o}C
Evaporation rate: (BuAc=1) <1
Odor: Slight, bland odor
pH: N/A
Vapor Pressure: N/A
Solubility in water: Complete
Specific gravity: 1.00 – 1.05

10. Chemical Stability & Reactivity Information

Product stability: Stable.
Reactivity: 0
Conditions to avoid: Vapor ignition sources such as flames, electric arcs, high heat, sparks and hot glowing metals.
Incompatible materials: Strong oxidizers.
Hazardous Decomposition: Carbon dioxide and Carbon monoxide.
Hazardous Polymerization: Will not occur

11. Toxicological Information

Information of likely routes of exposure

Product Information

Eye Contact: Can cause irritation
Skin contact: Can cause irritation or dermatitis.
Ingestion: Harmful if swallowed cause illness
Inhalation: May cause irritation.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Hempene 100	Ingestion: LD50, Rat, male 3,030 mg/kg.	Skin Absorption: LD50, Rabbit > 5,000 mg/kg	

Information of physical, chemical, and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

12. Ecological Information

Ecotoxicty
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal
Persistence/Degradability
Hempene 100 Material is practically non-toxic to fish on an acute basis (LC50 > 100 mg/L).

13. Disposal Considerations

Waste Treatment Methods
Disposal of Wastes Disposal should be in accordance with applicable regional, national, and local laws and regulations.
Disposal instructions: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. Transport Information

General Information The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

DOT Hazard Classification
UN Number: NA
Hazard Class: NA

15. Regulatory Information

Regulatory Information: N/A

16. Other Information

HMIS® ratings

Health	Flammability	Reactivity	Personal Protective Equipment
1	2	0	**B**

Disclaimer: The information provided in this 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 a guide 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.
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