

MATERIAL SAFETY DATA SHEET

MSDS

Page: 1 of 5
Date-Issued: 09/27/1997
MSDS Ref. No: SREG23749
Date-Revised: 10/03/1997
Revision No: New MSDS

Regal Enzall

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Regal Enzall
GENERAL USE: Water clarifier
CHEMICAL FAMILY: Fermented enzyme concentrate

MANUFACTURER

Alliance Packaging, Inc.
109 Northpark Blvd., Suite 400
Covington, LA 70433-5001
Customer SERVICE: (800) 959-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Medical (800) 255-3924

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Contains less than 1% of a Hazardous Material.		

COMMENTS:

Ingredients listed in this section have been determined to be hazardous as defined in 29 CFR 1910.1200. Materials determined to be health hazards are listed if they comprise 1% of more of the composition. Materials identified as carcinogens are listed if they comprise 0.1% of more of the composition. Information on proprietary materials is available as provided in 29 CFR 1910.1200.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE:
Brown liquid.

IMMEDIATE CONCERNS:

As part of good personal hygiene and safety procedures, avoid all unnecessary exposure to the product and ensure prompt removal from eyes, skin and clothing.

POTENTIAL HEALTH EFFECTS

EYES:

This product would not be expected to produce irritation upon contact with the eye.

SKIN:

Product is non-irritating to skin. Avoid contact with skin.

INGESTION:

No evidence of adverse effects from available information.

MATERIAL SAFETY DATA SHEET

MSDS

Page: 2 of 5
Date-Issued: 09/27/1997
MSDS Ref. No: SREG23749
Date-Revised: 10/03/1997
Revision No: New MSDS

Regal Enzall

INHALATION:

This product is not expected to present an inhalation hazard.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

INGESTION:

Excessive ingestion may cause mild nausea or diarrhea.

CHRONIC:

There are no known chronic hazards.

4. FIRST AID MEASURES

EYES:

If contact with eyes occurs: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention.

SKIN:

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION:

Not an expected route of overexposure.

INHALATION:

Not an expected route of overexposure.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: None

GENERAL HAZARD:

There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA:

Appropriate to surrounding fire.

FIRE FIGHTING EQUIPMENT:

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA). Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

Flush with water.

MATERIAL SAFETY DATA SHEET

MSDS

Page: 3 of 5
Date-Issued: 09/27/1997
MSDS Ref. No: SREG23749
Date-Revised: 10/03/1997
Revision No: New MSDS

Regal Enzall

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

No special handling precautions are required.

HANDLING:

Use safe chemical handling procedures for the hazards presented by this material.

STORAGE:

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area.
Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE:

Use of safety glasses with side shields is recommended, if conditions warrant.

SKIN:

No special requirement.

RESPIRATORY:

None required.

WORK HYGIENIC PRACTICES:

If product gets on clothing, remove and wash before reuse.

OTHER USE PRECAUTIONS:

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Slight

APPEARANCE: Clear

COLOR: Brown

pH: <4

SOLUBILITY IN WATER: Completely Miscible

SPECIFIC GRAVITY: 1 g/ml

MATERIAL SAFETY DATA SHEET

MSDS

Page: 4 of 5
Date-Issued: 09/27/1997
MSDS Ref. No: SREG23749
Date-Revised: 10/03/1997
Revision No: New MSDS

Regal Enzall

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

High temperature. Poor ventilation. Contamination.

STABILITY:

This product is stable under normal conditions.

POLYMERIZATION:

Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

INCOMPATIBLE MATERIALS:

Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:

Wash down drain with excess water. Dispose in accordance with federal, state and local regulations.

EMPTY CONTAINER:

Do not reuse container. Rinse thoroughly before discarding in trash.

MATERIAL SAFETY DATA SHEET

MSDS

Page: 5 of 5
Date-Issued: 09/27/1997
MSDS Ref. No: SREG23749
Date-Revised: 10/03/1997
Revision No: New MSDS

Regal Enzall

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Not Regulated.

15. REGULATORY INFORMATION

UNITED STATES

OSHA HAZARD COMM. RULE:

Product is not hazardous by definition of the Hazardous Communication Standard.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT):

This product is not a registered pesticide.

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH: 0 FIRE: 0 REACTIVITY: 0

HMIS CODES

HEALTH: 0 FIRE: 0 REACTIVITY: 0 PROTECTION: A

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
