

RL-37

Material Safety Data Sheet

Section 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Source: International Ag Labs, 800 W. Lake Ave., PO Box 788, Fairmont, Minnesota 56031
Product Name: RL-37 CAS #
Ingredients: Seaweed Extract n/a
RL-37 is a liquid foliar spray to be used as a mixing aid.
Emergency Phone 507-235-6909

Section 2 HAZARDOUS IDENTIFICATION

Potential Health Effects:

Ingestion: Significant oral exposure is considered to be unlikely. However, this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Eye Contact: This product may be irritating to eyes, but is unlikely to cause anything more than mild transient discomfort.

Skin Contact: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition product is unlikely to cause any discomfort in normal use.

Inhalation: Available data indicates that this product is not harmful. In addition product is unlikely to cause any discomfort or irritation. Do not intentionally breathe vapors.

Section 3 FIRST AID MEASURES

Ingestion: If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some milk or water to drink. If symptoms develop, or if in doubt contact a Poisons Information Center or a doctor.

Eye Contact: No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Skin Contact: Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Center or a doctor. Do not intentionally breathe vapors.

Section 4 FIRE FIGHTING AND EXPLOSIVE MEASURES

Flammability of the Product:

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Flash Points: Does not burn.

Flammable Limits: Does not burn.

Hazardous Decomposition Products:

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product are likely to be irritating if inhaled.

Explosion Hazards in Presence of Various Substances:

Non-explosive in presence of open flames and sparks, of shocks.

Fire Fighting Media and Instructions:

Not Combustible. Use extinguishing media suited to burning materials. If a significant quantity of this product is involved in a fire, call the fire brigade.

Section 5 ACCIDENTAL RELEASE MEASURES**Safety Measurements to Protect Persons:**

Gloves and eye protection should be worn when handling based on staining.

Proper Methods for Damage Limitation and Cleanup:

Spills may be easily cleaned by removing as much material as possible and washing remaining spill with copious amounts of water. Product may become slippery with the addition of clean-up water. Gloves and eye protection should be worn due to temporary staining.

Section 6 HANDLING AND STORAGE

Precautions: Avoid handling which may cause staining. Use personal protective equipment as specified in section 7.

Storage: Store in cool place and out of direct sunlight. Keep from freezing below -15° C. Do not contaminate water, food or feed by storage or disposal.

Section 7 EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation: No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapors and mists are minimized.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

Protective Material Types:

We suggest that protective clothing be made from the following materials: rubber, PVC.

Respirator: Usually, no respirator is necessary when using this product.

Section 8 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---------|-------------------------------|--------------------|
| Boiling Point: | Unknown | Solubility in Water: | Complete |
| Density: | 1.03 | Vapor Pressure, mm Hg: | Not applicable |
| Flashpoint: | N/A | Reaction with Water: | None |
| pH: | >7.0 | Appearance: | Brown/black liquid |

Section 9 STABILITY AND REACTIVITY

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.

Conditions to Avoid: Excessive heat or freezing.

Materials to Avoid: Oxidants and acids may cause degradation.

Polymerization: This product will not undergo polymerization reactions.

Section 10 TOXICOLOGY INFORMATION

Acute Oral Toxicity: Non-toxic orally. Ingestion of significant amounts may cause nausea and discomfort.

Acute Ocular Toxicity: Non-irritating to the ocular tissue of non-irritated eyes (0.05 ml). May cause redness and discomfort.

Acute Dermal Toxicity: Not toxic dermally. No treatment-related effects were observed.

Skin Sensitization: Very slight erythema observed with no other signs of irritation.

Inhalation Toxicity: Not hazardous by inhalation.

Ingestion Toxicity: Significant amounts may cause nausea and discomfort.

Section 11 ECOLOGICAL INFORMATION

Breakdown: Biodegradable.
Ecotoxicity: Plant nutritional supplement and growth stimulant, high concentrations may cause burn of plants. Non toxic to marine algae, vertebrates or invertebrates.

Section 12 DISPOSAL CONSIDERATIONS

Waste Disposal Procedures:
Not classified as hazardous waste. Dispose according to federal, provincial/state and local environmental regulations.

Section 13 TRANSPORT INFORMATION

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|----------------------------------|-------|-----------------------|------|
| Shipping Name: | RL-37 | C.A.S. Number: | N/A |
| Hazard Class: | None | D.O.T. Number: | None |
| Reportable Quantity (RQ): | None | Haz Waste No: | None |
| Labels Required: | None | EPA Reqlst No: | None |
| Placard: | None | | |

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