

# MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ROW MARKER Feb. 1, 1999 P. 1

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## I. PRODUCT DESCRIPTION

Agricultural Foam Marker

## II. HAZARDOUS INGREDIENTS

2,4-Dihydroxy-2-Methylpentane	CAS# 107-41-5
1-Dodecanol	CAS# 112-53-8
Hexadecenesulfonic acid	CAS# 684-39-57-6

## III. PHYSICAL AND CHEMICAL CHARACTERISTICS

Specific gravity - (water=1): 1.025 to 1.055	pH: 7.10 to 8.5
Vapor pressure - (air=1): N/A	% Volatile by % wt.: 52-53
Flash Point - Greater than 200°F	Color: Gardner 13
Odor: Bland	Solubility: Soluble

## IV. FIRE AND EXPLOSION DATA

In case of fire involving this product: Keep unnecessary people away, isolate area and deny entry. Stay upwind. Keep out of low areas. Do not become a casualty.

- \* Do not extinguish fire unless flow can be stopped.
- \* Wear appropriate protective clothing and equipment
- \* Use water, dry chemical, CO<sub>2</sub>, foam, sand/earth
- \* Contain spill and runoff to avoid environmental damage.
- \* Apply water from as far a distance as possible.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

## V. PHYSIOLOGICAL & HEALTH EFFECTS

ACUTE EFFECTS OF OVEREXPOSURE: Irritating to eyes, respiratory tract and skin.

CHRONIC HEALTH EFFECT: NONE

ADVISORY NOTE: A physician should be contacted if anyone develops any signs or symptoms and suspects that they are caused by exposure to this product.

## VI. EMERGENCY AND FIRST AID PROCEDURES

*Swallowing* - Get medical attention immediately.

*Skin* - Flush affected area with water, followed by washing with soap and water until all material is removed.

*Inhalation* - Remove from contaminated atmosphere. Give oxygen if available. Keep the affected person warm and at rest. If symptoms of respiratory discomfort persist, obtain medical attention.

*Eyes* - Immediately flush eyes with large quantities of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

## VII. REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITIES: Strong oxidizers such as hydrogen peroxide, bromine and chromic acid.

HAZARDOUS DECOMPOSITION: Carbon monoxide and carbon dioxide from burning oxides of sulfur.

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## VIII. ENVIRONMENTAL PROTECTION

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ENVIRONMENTAL IMPACT: This product, when used as directed by the label, is not expected to have any significant impact on the environment.

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## IX. SPILL AND DISPOSAL PROCEDURES

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Small spills: absorb spill with absorbent material. Large spills: stop spill at source. Dike area of the spill to prevent spreading. Pump liquids into waste containers. Remaining liquids can be absorbed.

WASTE DISPOSAL METHOD: Incinerate or landfill where permitted under appropriate federal, state and local regulations. Questions concerning disposal should be directed to the appropriate regulatory agency.

PRECAUTIONS IF MATERIAL IS RELEASED OR SPILLED: EYES AND FACE: Employees should be provided with and required to use splash-proof safety goggles. Face shield is advised.

CLOTHING: Wear impervious clothing.

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## XI. HYGIENIC PRACTICES

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It is advisable to wash chemicals from the skin promptly if skin becomes contaminated. Always wash before eating, smoking or using toilet facilities and at the end of each work shift. It is advisable to change clothing after work shift and wear clean clothing before reuse.

CAUTION: Keep out of reach of children. Read the container label. Follow all precautionary directions and restrictions. The information presented herein was compiled to comply with the federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice. All information appearing in this document was based on data provided by third party sources. Neither the manufacturer nor its agents assume liability for the use of this product or information since the conditions of use are beyond the control of the manufacturer and its agents.

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## XII. TRANSPORTATION DATA

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Unregulated by D.O.T.:

Proper Shipping Name: Ag. Adjuvant, Liquid, NMFC 4612, Class 60

