

MATERIAL SAFETY DATA SHEET



OLYMPIC HORTICULTURAL PRODUCTS, CO.
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TRANSPORTATION EMERGENCY

CHEMTREC(800)-424-9300

EMERGENCY AND PRODUCT INFORMATION

OLYMPIC(800)-356-4647

SUFFUSION™ GRANULES

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Product Name Suffusion Granules
Use/Description of Product : Growing media wetting agent

II. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients NONYLPHENOL
ETHOXYLATE 5 - 15%
CAS: 9016-45-9
[Xi] R36; [-] R53

III. HAZARDS IDENTIFICATION

Main Hazards No significant hazard.

IV. FIRST AID MEASURES (SYMPTOMS)

Skin Contact There may be mild irritation at the site of contact.
Eye Contact There may be irritation and redness.
Ingestion There may be irritation of the throat.
Inhalation There may be irritation of the throat with a feeling of tightness in the chest.

IV. FIRST AID MEASURES (ACTION)

Skin Contact Wash immediately with plenty of soap and water.
Eye Contact Bathe the eye with running water for 15 minutes.
Ingestion Wash out mouth with water.
Inhalation Consult a doctor.

V. FIRE-FIGHTING MEASURES

Extinguishing Media Suitable extinguishing media for the surrounding fire should be used.
Exposure Hazards In combustion emits toxic fumes.
Protection of Fire-Fighters : Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions Refer to section VIII of MSDS for personal protection details.
Environmental Precautions : Do not discharge into drains or rivers.
Clean-up Procedures Wash the spillage site with large amounts of water.

VII. HANDLING AND STORAGE

Handling Requirements Avoid the formation or spread of dust in the air.
Storage Conditions Store in cool, well ventilated area.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection Respiratory protective device with particle filter.
Hand Protection Protective gloves.
Eye Protection Safety glasses. Ensure eye bath is on hand.
Skin protection Protective clothing.

IX. PHYSICAL AND CHEMICAL PROPERTIES

State Granules
Color Brown
Odor Odorless
Solubility in Water Partly soluble
Viscosity Not applicable as a solid
pH 7 ± 1 (as 1% soln)

X. STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Conditions to Avoid Heat.
Materials to Avoid Strong oxidizing agents.
Haz. Decomp. Products In combustion emits toxic fumes.

XI. TOXICOLOGICAL INFORMATION

Acute toxicity SUFFUSION GRANULES
Cutaneous Irritation Test: Score < 0.4, no irritation at 72 hours
Eye Irritation Test: No corneal involvement
ORAL RAT LD50 > 3535 mg/kg
SKIN RABBIT LD50 > 5000 mg/kg
Routes of Exposure Refer to section IV. of MSDS for routes of exposure and corresponding symptoms.

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XII. ECOLOGICAL INFORMATION

Persistence and Degradability: Biodegradable.
Bioaccumulative Potential: No bioaccumulation potential.
Other adverse Effects: Negligible ecotoxicity.

XIII. DISPOSAL CONSIDERATIONS

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

XIV. TRANSPORT INFORMATION

ADR / RID
UN No: -
Shipping name: 'NOT SUBJECT TO ADR'
IMDG / IMO
UN No: -
IATA / ICAO
UN No: -

XV. REGULATORY INFORMATION

Hazard Symbols: No significant hazard.
Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

XVI. OTHER INFORMATION

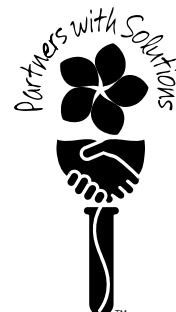
Risk Phrases Used in s.II ...: R36: Irritating to eyes.
R53: May cause long-term adverse effects in the aquatic environment.

Legal Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Olympic Horticultural Products shall not be held liable for any damage resulting from handling or from contact with the above product.

Suffusion is trademark of AmegA Sciences.

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