



MATERIAL SAFETY DATA SHEET

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TRANSPORATION EMERGENCY

CHEMTREC:(800)-424-9300

EMERGENCY AND PRODUCT INFORMATION

OHP, Inc.:(800)-356-4647

SUFFUSION™ LIQUID

I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

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

II. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients: NONYLPHENOL
ETHOXYLATE > 30%
CAS: 9016-45-9
[Xi] R36; [-] R53

III. HAZARDS IDENTIFICATION

Main Hazards: May cause long-term adverse effects in the aquatic environment.

IV. FIRST AID MEASURES (SYMPTOMS)

Skin Contact: There may be irritation and redness at the site of contact.
Eye Contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

IV. FIRST AID MEASURES (ACTION)

Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye Contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give 16 ounces of water to drink immediately. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety while doing so.

V. FIRE-FIGHTING MEASURES

Extinguishing Media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure Hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
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: Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing – see section VIII of MSDS. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental Precautions : Do not discharge into drains or rivers. Dike the spillage to contain it.
Clean-up Procedures: Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

VII. HANDLING AND STORAGE

Handling Requirements: Avoid direct contact with substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
Storage Conditions: Store in cool, well ventilated area. Keep container tightly closed.

VIII. EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering Measures: Ensure there is sufficient ventilation of the area.
Respiratory Protection: Self-contained breathing apparatus must be available in case of emergency.
Hand Protection: Protective gloves.
Eye Protection: Tightly fitting safety goggles. Ensure eye bath is on hand.
Skin Protection: Protective clothing.

IX. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid
Color: Colorless
Odor: Barely perceptible odor
Solubility in Water: Highly soluble
Viscosity: Slightly viscous
Relative Density: 1.025 ± 0.010
pH: 7 ± 1

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 of carbon dioxide / carbon monoxide.

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XI. TOXICOLOGICAL INFORMATION

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

XII. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.
Persistence and degradability: Biodegradable in part only.
Bioaccumulative Potential: Bioaccumulation potential.
Other Adverse Effects: May cause long-term
adverse effects in the aquatic environment.

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.
Risk Phrases: R533: May cause long-term
adverse effects in the aquatic environment.
Safety Phrases: S61: Avoid release to the
environment. Refer to special instructions /
material safety data sheet.
Note: The regulatory information
given above only indicates the principal regu-
lations 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 com-
plete these regulations. Refer to all applica-
ble national, international and local regula-
tions or provisions.

XVI. OTHER INFORMATION

Risk Phrases Used in s.II: R36: Irritating to eyes.
R53: May cause long-term
adverse effects in the aquat-
ic 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. OHP, Inc. shall not be held liable for
any damage resulting from handling or from
contact with the above product.

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