Order No. 68408

POLYSCIENCES, INC. MATERIAL CAT.NO.: 00563
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SECTION I IDENTIFICATION

Chemical Name: DODECENYL SUCCINIC ANHYDRIDE

Formula: C16 H26 O3

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SECTION II HAZARDOUS INGREDIENTS

Threshold Limit Values

OSHA-PEL: AC4IH-TWA

ppm  mg/m3  ppm  mg/

NE  NE  NE  N

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SECTION III PHYSICAL DATA

Boiling Point : 328 F @ 5mmHg  % Volatile by Volume : N/D

Vapor Pressure : 5.0

Evaporation Rate : <0.07

(Butyl Acetate = 1)

@170 Cdegrees

Vapor Density : 0.925

Specific Gravity : 0.95

Solubility in Water: Insoluble

Melting Point : 6 C

Appearance and Odor : Clear light yellow, viscous liquid mild odor

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SECTION IV EXPLOSION AND FIRE HAZARD DATA

Flash Point: 343-347 F

Test Mode: Cleveland Open Cup

Flammable Limits:

LEL: N/D  UEL:N/D

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Extinguishing Media: carbon dioxide, foam

Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus and fully protective equipment

Unusual Fire and Explosion Hazards: Keep drums cooled with water stream. Protect spilled material from contact with alkali ions which polymerize product with violent evolution of CO2

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PSI HAZARD CODE: H07g

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N/A = Not Applicable; NE = Not Established; N/D = No Data

OSHA = Occupational Safety and Health Administration
ACGIH = American Conference of Governmental Industrial Hygienists
NFPA = National Fire Protection Association
SECTION V  HEALTH HAZARD

Threshold Limit Value: NE

Effects of Overexposure: IRRITANT: Causes eye irritation, inflammation and corneal damage. Inhalation may cause coughing, bronchitis, and asthmatic reaction. May produce erythema, skin rash and dermatitis. Is irritant of mucous membranes and lungs. Sensitization can occur.

First Aid:

Skin Contact: Wash affected area with copious amounts of water.
Eye Contact: Flush eyes with water for at least 15 minutes. See physician.
Inhalation: Remove to fresh air. Give oxygen or artificial respiration, as needed.
Ingestion: Drink 1 or 2 glasses of water. Call physician.
Seek medical treatment if discomfort persists.

SECTION VI  REACTIVITY DATA

Stability: stable
Conditions to Avoid: will hydrolyze in presence of water
Incompatibility: water, acid, bases, oxidizing materials
Hazardous Decomposition Products: NE
Hazardous Polymerization: may occur
Conditions to Avoid: addition of alkali ions

SECTION VII  SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Wear self-contained breathing apparatus, rubber boots and gloves. Absorb on sand or vermiculite and place in closed container for disposal. Wash and ventilate spill site after pickup is complete.

Waste Disposal Method: Mix waste with a combustible carrier and burn in a suitably equipped chemical incinerator.

Disposal must comply with Federal, state and local regulations.

SECTION VIII  SPECIAL PROTECTION INFORMATION

Respiratory Protection: OSHA/MHSA approved respirator if needed
Ventilation: local exhaust
Protective Gloves: rubber
Eye Protection: safety goggles
Other Protective Equipment: safety shower and eye bath

SECTION IX  SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storage: Store material at room temperature. Keep storage container tightly closed. Avoid exposure to water or humidity. Avoid prolonged or frequent exposure. Wash thoroughly after handling.