

# Material Safety Data Sheet

91-155/EEC

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## Section 1: Chemical Product and Company Identification

Cat#: 00563

Part Name: DODECENYLSUCCINIC ANHYDRIDE (DDSA)

Supplier: Polysciences, Inc.  
400 Valley Road  
Warrington, PA 18976 USA  
Telephone #011-215-343-6484

## Section 2: Composition/ Information on Ingredients

Note: Items listed with a CASRN... number have no CAS# available.

Item#	Name	CAS#	% in product
1	Dodeceny succinic acid	0027859581	5
2	Dodeceny succinic anhydride	0026544387	95

## Section 3: Hazards Identification

Causes eye irritation.

Hazard Ratings:

These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard. Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health	Flammability	Reactivity
2	1	0

## Section 4: First Aid Measures

## Section 5: Fire Fighting Measures

Flash point, deg F.: 333

Method: BPF

UEL: no data LEL: no data

Autoignition temperature, deg. F.: no data

Flammability Classification: nap

Flame Propagation Rate: no data

Hazardous Combustion Products: none

## Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

No special measures are indicated.

## Section 7: Handling and Storage

Store at room temp

## Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

No special protection is indicated.

Chemical-resistant gloves should be worn whenever this material is handled. The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product.

Permiation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

## Section 9: Physical and Chemical Properties

Formula:	C16H26O3	vapor pressure:	<1 mm Hg
Formula Weight:	266.4	vapor density:	9.2
boiling point:	662	Specific gravity:	1.005
melting point:	no data	ph:	no data
solubility:	not soluble	appearance:	clear light yellow liquid

**Section 10: Stability and Reactivity**

Chemical Stability: stable

Conditions to Avoid: oxidizers

Incompatibility with other materials: oxidizers; alkalis; amines

Hazardous Decomposition Products: none

Hazardous Polymerization: will not occur

**Section 11: Toxicological Information**

Acute Data: no data

Subchronic data: no data

**Section 12: Ecological Information**

no data

**Section 13: Disposal Considerations**

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

CAS#	Waste Code	Regulated Name
0026544387	not listed	not listed
0027859581	not listed	not listed

**Section 14: Transportation Data**

Proper Shipping Name: NOT REGULATED

Chemical Name

UN

Class

PG

**Section 15: Regulatory Information**

All components of this product are on the TSCA public inventory.

R36 Irritating to eyes.

S0 No S Phrase applies. Use ambient temperature storage and normal chemical controls.

S7/9 Keep container tightly closed and in a well-ventilated place.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**GHS Precautionary and Hazard Statements**

DANGER

H319 Causes serious eye irritation.



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**Section 16: Other Information**

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