

# Safety Data Sheet

Complies with EC no. 1907/2006  
Issue Date: 07/23/2015

## Section 1: Chemical Product and Company Identification

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Cat#: 24806

Part Name: N-VINYL ACETAMIDE

Supplier: Polysciences, Inc.  
400 Valley Road  
Warrington, PA 18976 USA  
MSDS Telephone #215-343-6484 Emergency only #215-378-4526

Identified uses: Laboratory use, manufacture of substances

## Section 2: Hazards Identification

Hazard Overview

Causes skin, eye and respiratory tract irritation.

GHS Classification

Skin Irritant Cat 2, Acute Inhalation Cat 4, Eye Irritation Cat 2B

Signal word: **Warning**



Hazard and Precautionary Statements

H302 + H312 Harmful if swallowed or, in contact with skin or if inhaled  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P280A Wear protective gloves  
P501 Dispose of contents/container to proper waste area in accordance with institutional practices and local, state or federal regulations.

NFPA Rating

Hazard Ratings:

These ratings are Polysciences' Inc. own assessments 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
1	1	0

## Section 3: Composition/ Information on Ingredients

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

Item#	Name	EINECS	CAS#	% in product
1	N-ethenylacetamide	225-989-8	0005202788	95-100

## Section 4: First Aid Measures

## Section 5: Fire Fighting Measures

Flash point, deg F.: 226 F Method: C  
UEL: no data LEL: no data Autoignition temperature, deg. F.: no data  
Flammability Classification: no data Flame Propagation Rate: no data  
Hazardous Combustion Products: no data

## 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.

Protect personnel from exposure.

Sweep up solids.

Use appropriate personal protective equipment.

## Section 7: Handling and Storage

Store at room temp

## Section 8: Exposure Controls/ Personal Protection

## OSHA (ACGIH) Exposure Limits

		TWA		STEL		CEILING	
		ppm	mg/	ppm	mg/m3	ppm	mg/m3
CAS#: 0005202788	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE

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.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

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.

Permeation 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:	C4H7NO	vapor pressure:	no data
Formula Weight:	85.11	vapor density:	no data
boiling point:	96 C	Specific gravity:	0.946
melting point:	54 C	ph:	no data
solubility:	880g/100g	appearance:	white solid

### Section 10: Stability and Reactivity

Chemical Stability: stable

Conditions to Avoid: no data

Incompatibility with other materials: acids

Hazardous Decomposition Products: no data

Hazardous Polymerization: may occur

### Section 11: Toxicological Information

Acute Data: LD50 Oral rat 1600mg/kg, 517 mg/kg  
Slight eye and skin irritant

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
0005202788	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.

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

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identifies items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
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