

SAFETY DATA SHEET

CATALOG #3152

NONENYL SUCCINIC ANHYDRIDE MODIFIED (NSA)

1. IDENTIFICATION

Product name: Nonenyl Succinic Anhydride (NSA)

Identified uses: Laboratory use, manufacture of substances

Details of the supplier of the safety data sheet

COMPANY IDENTIFICATION

TOUSIMIS RESEARCH CORP.
2211 LEWIS AVENUE
ROCKVILLE,
MARYLAND 20851
UNITED STATES

Company Contact Information:

301-881-2450

trc@tousimis.com

EMERGENCY TELEPHONE NUMBER

Emergency Contact: 1-800-222-1222

2. HAZARDS IDENTIFICATION

Hazard Overview

Causes eye irritation.

GHS Classification

Eye Irritation Category 2A

Signal Word: Warning



Precautionary statements

P280 – Wear eye protection, face protection, protective clothing, protective gloves
P302 + P352 – If on skin: Wash with plenty of soap and water.
P305B – If in eyes: separate eyelids with finger tips.
P314 – Get medical advice/attention if you feel unwell.
P351 – Rinse cautiously with water for several minutes.
P501 – Dispose of contents/container to proper waste in accordance with institutional practices and local, regional, national and/or international regulation

NFPA Rating

Hazard Ratings:

These ratings are 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
2

Flammability
1

Reactivity
0

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

EINECS: 249-317-8

CAS# 0028928974

% in product: 95-100

Name: Nonenyl Succinic Anhydride

4. FIRST AID MEASURES

Contact medical personnel if discomfort persists.

Flush eyes with flowing water for at least 15 minutes.

Separate eyelids with finger tips.

Wash skin with deluge of water for at least 15 minutes.

5. FIREFIGHTING MEASURES

Flash point, deg F.: 300

Method: No data

UEL: No data

LEL: No data

Autoignition temperature, deg. F: No data

Flammability Classification: nap

Flame Propagation: No data

Hazardous Combustion Products: None

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.

7. HANDLING AND STORAGE

Store at room temperature

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA (ACGIH) Exposure Limits

			TWA		STEL		CEILING	
			ppm	Mg/	ppm	mg/m3	ppm	mg/m3
CAS#	0028928974	OSHA	NE	NE	NE	NE	NE	NE
IDLH	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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Formula	C13H20O3
Formula Weight	224.3
Boiling point	617
Melting point	No data
Solubility	Insoluble
Vapor pressure	<1 mm Hg
Vapor density	No data
Specific gravity	Not determined
Self-igniting	1.03
pH	No data
Appearance	yellow liquid slight

10. STABILITY AND REACTIVITY

Chemical stability	Stable
Conditions to avoid	None
Incompatibility with other materials	Oxidizers
Hazardous Decomposition Products	None
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute data	No data
Subchronic data	No data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATIONS

The following 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# 0028928974

Waste Code: No listed

Regulated Name: Not listed

14. TRANSPORT INFORMATION

Proper Shipping Name NOT REGULATED
Chemical Name
UN
Class
PG

15. REGULATORY INFORMATION

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 identified items which are known to the State of California to cause reproductive toxicity.

CAS#	Column A	Column B
0028928974	No	No

State Regulatory Information: If a CAS# is listed below this material is subject to the listed state right-to-known requirements.

CAS#	
0028928974	Not Listed

SARA Toxic Release Chemicals (as defined in Section 313 of SARA Title III)
This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and

Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS#	Regulated Name	de minimis conc. %	Rep. Thres.
0028928974	Not Listed	Not Listed	Not Listed

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS#	Regulated Name	TPQ (pounds)	EHS-RQ (pounds)
0028928974	Not Listed	Not Listed	Not Listed

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQs, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802

CAS#	Regulated Name	RQ (pounds)
0028928974	Not Listed	Not Listed

16. OTHER INFORMATION

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