

# Safety Data Sheet

Issue Date: 06/21/2023

## Section 1: Chemical Product and Company Identification

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Cat#: 70955, 70956

Part Name: LADD MULTIPLE STAIN

Supplier: Ladd Research

3 Ewing Place

WEssex Junction, VT 05452 USA

Telephone 802-658-4961

Emergency +1-703-741-5500 (Chemtrec)

Identified uses: Laboratory use, manufacture of substances

## Section 2: Hazards Identification

Hazard Overview

Flammable liquid and vapor.

GHS Classification

Flammable Liquids Category 3

Signal word: Danger



Hazard and Precautionary Statements

H226 Flammable liquid and vapour.

P285 In case of inadequate ventilation wear respiratory protection.

P301A IF SWALLOWED do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305B IF IN EYES, Separate eyelids with finger tips.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P351 Rinse cautiously with water for several minutes.

P361 Remove/Take off immediately all contaminated clothing.

NFPA Rating

Hazard Ratings:

Health	Flammability	Reactivity
1	3	0

## Section 3: Composition/ Information on Ingredients

Name	EINECS	CAS#	% in product
2-Propanol	200-661-7	67-63-0	0 - 5
Basic Fuchsin	211-189-6	632-99-5	0 - 5
Ethyl alcohol	200-578-6	64-17-5	21 - 30
Toluidine Blue O	202-146-2	92-31-9	0 - 5
Water	231-791-2	7732-18-5	71 - 80

## Section 4: First Aid Measures

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, wash out mouth with water if person is conscious.

Remove contaminated clothing.

Remove to fresh air.

Separate eyelids with finger tips.

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

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## Section 5: Fire Fighting Measures

Flash point, deg F.: 95                      Method: CC  
UEL: no data              LEL: no data              Autoignition temperature, deg. F.: no data  
Flammability Classification: IC              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.

Absorb liquids on absorbent material.

Contain spilled liquids.

Prevent contact with combustible materials.

Protect personnel from exposure.

Remove ignition sources.

Use appropriate personal protective equipment.

Ventilate the area.

## 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#: 64-17-5	IDLH: --						
OSHA		Not classifi	--	--	--	--	--
ACGIH		1000	1884	--	--	--	--
CAS#: 67-63-0	IDLH: 2,000						
OSHA		CANADA	980	--	--	--	--
ACGIH		400	983	500	500	--	--
CAS#: 92-31-9	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 632-99- 5	IDLH: NE						
OSHA		NE	NE	NE	NE	NE	NE
ACGIH		NE	NE	NE	NE	NE	NE
CAS#: 7732-18-5	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 process enclosures, local exhaust ventilation, or other engineering controls.

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

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Formula:	no data	vapor pressure:	no data
Formula Weight:	no data	vapor density:	no data
boiling point:	170-212 F	Specific gravity:	0.9
melting point:	no data	ph:	no data
solubility:	complete	appearance:	opaque blue liquid

#### Section 10: Stability and Reactivity

Chemical Stability stable

Conditions to Avoid: heat, open flame

Incompatibility with other materials: oxidizing agents

Hazardous Decomposition Products: oxides of carbon, oxides of nitrogen, oxides of sulfur, hydrogen chloride gas

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
64-17-5	not listed	not listed
67-63-0	not listed	not listed
92-31-9	not listed	not listed
632-99-5	not listed	not listed
7732-18-5	not listed	not listed

#### Section 14: Transportation Data

Proper Shipping Name Ethanol Solution

Chemical Name

UN UN1170

Class 3

PG II

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

CAS#	Column A	Column B
64175	no	no
67-63-0	no	no
92-31-9	no	no
632-99-5	no	no
7732-18-5	no	no

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

CAS#

64-17-5 not listed

67-63-0 not listed

92-31-9 not listed

632-99-5 not listed

7732-18-5 not listed

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**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.
64-17-5	not listed	not listed	not listed
67-63-0	Isopropyl alcohol (manufacturing-strong acid process, no su	1.0	not listed
92-31-9	not listed	not listed	not listed
632-99-5	not listed	not listed	not listed
7732-18-5	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)
0000064175	not listed	not listed	not listed
0000067630	not listed	not listed	not listed
0000092319	not listed	not listed	not listed
0000632995	not listed	not listed	not listed
0007732185	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 RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS#	Regulated name	RQ (pounds)
64-17-5	Not listed	Not listed
67-63-0	Not listed	Not listed
92-31-9	Not listed	Not listed
632-99-5	Not listed	Not listed
7732-18-5	Not listed	Not listed

**Section 16: Other Information**

The information presented is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.

Date Prepared: 06/21/2023