

MSDS

Version 3.0
Revision Date: 08/24/2019

Product and Company Identification

Product Name: Ni, Co, Cu, Zn, Al, Ga, Fe-NTA Resin, Ni, Co, Cu, Zn, Al, Ga, Fe-IDA Resin

Cat #:
NINTA-25, NINTA-100, NINTA-500
CONTA-25, CONTA-100, CONTA-500
CUNTA-25, CUNTA-100, CUNTA-500
ZNNTA-25, ZNNTA-100, ZNNTA-500
AINTA-25, AINTA-100, ALNTA-500
GANTA-25, GANTA-100, GANTA-500
FENTA-25, FENTA-100, FENTA-500

NIIDA-25, NIIDA-100, NIIDA-500
COIDA-25, COIDA-100, COIDA-500
CUIDA-25, CUIDA-100, CUIDA-500
ZNIDA-25, ZNIDA-100, ZNIDA-500
AIIDA-25, AIIDA-100, ALIDA-500
GAIDA-25, GAIDA-100, GAIDA-500
FEIDA-25, FEIDA-100, FEIDA-500

Product Use: For Research Use Only. Not for use in diagnostic procedures

Company: Molecular Cloning Laboratories (MCLAB)
320 Harbor Way,
South San Francisco
CA 94080

Telephone: 888-MCLAB-88
650-871-8771

Fax: 650-871-8796

COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous/Non-hazardous Components

Chemical Name	CAS-No	Weight %
Ethyl alcohol	64-17-5	20

HAZARDS IDENTIFICATION

Emergency Overview

Harmful if swallowed

Flammable

Limited evidence of a carcinogenic effect

May cause sensitization by inhalation and skin contact

Principle Routes of Exposure/

Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	Irritating to skin and mucous membranes. May cause sensitization by skin contact.
Inhalation	May cause sensitization by inhalation.
Ingestion	Harmful if swallowed.

Specific effects

Carcinogenic effects	Possible carcinogen.
Mutagenic effects	No information available.
Reproductive toxicity	No information available.
Sensitization	May cause sensitization of susceptible persons.

Target Organ Effects: Kidney, Central nervous system (CNS), Respiratory system.

HMIS

Health	2
Flammability	3
Reactivity	0

FIRST AID MEASURES

Skin contact	Wash off immediately with plenty of water
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
Ingestion	Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Inhalation	Move to fresh air
Notes to physician	Treat symptomatically.

FIRE-FIGHTING MEASURES

Suitable extinguishing media	Alcohol-resistant foam. Carbon dioxide (CO ₂). Dry powder. Water spray.
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit

ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment
Methods for cleaning up	Soak up with inert absorbent material.

HANDLING AND STORAGE

Handling	No special handling advice required
Storage	Keep in properly labelled containers

EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure controls

Exposure limits

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
	-	-	-	-
Ethyl alcohol	1000 ppm 1900 mg/m ³	none	1000 ppm	-

Engineering measures Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves
Eye protection	Safety glasses with side-shields
Skin and body protection	Lightweight protective clothing.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice
Environmental exposure controls	Prevent product from entering drains.

PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form Suspension

Important Health Safety and Environmental Information

Boiling point/range	°C No data available	°F No data available
Melting point/range	°C No data available	°F No data available
Flash point	°C 21-55	°F 70-131
Autoignition temperature	°C 425	°F 797
Oxidizing properties	No information available	
Water solubility	soluble	
pH	6.5	

STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Materials to avoid	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides.
Polymerization	Hazardous polymerisation does not occur.

TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)
Ethyl alcohol	7060 mg/kg (Rat)	No data available	No data available

Principle Routes of Exposure/ Potential Health effects

Eyes	May cause eye irritation with susceptible persons.
Skin	Irritating to skin and mucous membranes. May cause sensitization by skin contact.
Inhalation	May cause sensitization by inhalation.
Ingestion	Harmful if swallowed.

Specific effects

Carcinogenic effects	Possible carcinogen.
Mutagenic effects	No information available
Reproductive toxicity	No information available
Sensitization	May cause sensitization of susceptible persons.
Target Organ Effects	Kidney. Central nervous system (CNS). Respiratory system.

ECOLOGICAL INFORMATION

Ecotoxicity effects	No information available.
Mobility	No information available.
Biodegradation	No information available.
Bioaccumulation	No information available.

DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

TRANSPORT INFORMATION

IATA

Proper shipping name	Ethanol Solution
Hazard Class	3
Subsidiary Class	No information available
Packing group	III
UN-No	UN1170

REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	PICCS	ENCS	DSL N	DSL	AICS
	-	-	-	-	-	-
Ethyl alcohol	Listed	Listed	Listed	Listed	-	Listed

U.S. Federal Regulations

SARA 313

This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

U.S. State Regulations

Chemical Name	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK	Illinois - RTK	Rhode Island - RTK
	-	-	-	-	-
Ethyl alcohol	Listed	Listed	Listed	-	Listed

California Proposition 65

This product does not contain chemicals listed under Proposition 65

OTHER INFORMATION

This material is sold for research and development purposes only. It is not for any human or animal therapeutic or clinical diagnostic use. It is not intended for food, drug, household, agricultural, or cosmetic use. An individual technically qualified to handle potentially hazardous chemicals must supervise the use of this material.