SIGMA-ALDRICH

Material Safety Data Sheet

Version 3.7 Revision Date 02/01/2013 Print Date 04/23/2013

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Mercury
Product Number Brand	:	215457 Sigma-Aldrich
Supplier	:	Sigma-Aldrich 3050 Spruce Street SAINT LOUIS MO 63103 USA
Telephone	:	+1 800-325-5832
Fax	:	+1 800-325-5052
Emergency Phone # (For both supplier and manufacturer)	:	(314) 776-6555
Preparation Information	:	Sigma-Aldrich Corporation Product Safety - Americas Region 1-800-521-8956

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

Target Organ Effect, Toxic by inhalation., Teratogen

Target Organs

Kidney

GHS Classification

Acute toxicity, Inhalation (Category 1) Respiratory sensitisation (Category 1) Reproductive toxicity (Category 1A) Specific target organ toxicity - repeated exposure, Inhalation (Category 1) Acute aquatic toxicity (Category 1) Chronic aquatic toxicity (Category 1)

GHS Label elements, including precautionary statements

Pictogram



Signial word Ateu



Dispose of contents/ container to an approved waste disposal plant.

P501

HMIS Classification	
Health hazard:	4
Chronic Health Hazard:	*
Flammability:	0
Physical hazards:	0
NFPA Rating	
Health hazard:	4
Fire:	0

Reactivity Hazard: Potential Health Effects

Inhalation	May be fatal if inhaled. May cause respiratory tract irritation.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.
Ingestion	May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

0

Formula Molecular Weight	: Hg : 200.59 g/mol	
Component		Concentration
Mercury		
CAS-No.	7439-97-6	-
EC-No.	231-106-7	
Index-No.	080-001-00-0	

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min Material tested:Dermatril® (KCL 740 / Aldrich Z677272, Size M)

data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374

Marine pollutant: No

ΙΑΤΑ

UN number: 2809 Class: 8 (6.1) Proper shipping name: Mercury Packing group: III

15. REGULATORY INFORMATION

OSHA Hazards

Target Organ Effect, Toxic by inhalation., Teratogen

SARA 302 Components

SARA 302: No chemicals in this material are subject