Sigma-Aldrich.

### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Version 8.1 Revision Date 02.08.2023 Print Date 26.03.2025 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifiers Product name	:	LDH CYTOTOXICITY ASSAY KIT
	Product Number Brand REACH No.	:	MAK529 Sigma A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.
1.2	Relevant identified use	es	of the substance or mixture and uses advised against
	Identified uses	:	Laboratory chemicals, Manufacture of substances
1.3	Details of the supplier	of	the safety data sheet
	Company	:	

Company

1.4 **Emergency telephone** Emergency Phone #

+(44)-870-8200418 (CHEMTREC (GB)) : +(353)-19014670 (CHEMTREC Ireland) 001-803-017-9114 (CHEMTREC India)

This is a summary SDS for a kit. For the full SDS for each of the components listed in section 16 please visit our website.

#### **SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Acute toxicity, Oral (Category 4), H302 Acute toxicity, Inhalation (Category 4), H332 Skin irritation (Category 2), H315 Serious eye damage (Category 1), H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 2.2 Label elements

## Labelling according Regulation (EC) No 1272/2008

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Pictogram	
Signal Word	Danger
Hazard statement(s) H302 + H332 H315 H318	Harmful if swallowed or if inhaled. Causes skin irritation. Causes serious eye damage.
Precautionary statement(s) P261 P280 P301 + P312 P302 + P352 P304 + P340 + P312 P305 + P351 + P338	Avoid breathing mist or vapors. Wear protective gloves/ eye protection/ face protection. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none
Reduced Labeling (<= 1	25 ml)
Pictogram	
Signal Word	Danger
Hazard statement(s) H318	Causes serious eye damage.
Precautionary statement(s) P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplemental Hazard Statements	none
Other hazards - none	

## **SECTION 3:** Composition/information on ingredients

Refer to component SDS

## **SECTION 4: First aid measures**

Refer to component SDS

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## **SECTION 5: Firefighting measures**

Refer to component SDS

### **SECTION 6: Accidental release measures**

Refer to component SDS

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

#### Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

#### **Hygiene measures**

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Storage conditions** Tightly closed.

#### Storage stability

Recommended storage temperature 2 - 8 °C

#### Storage class

Storage class (TRGS 510): 10: Combustible liquids

#### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

#### SECTION 8: Exposure controls/personal protection

Refer to component SDS

#### **SECTION 9: Physical and chemical properties**

Refer to component SDS

#### **SECTION 10: Stability and reactivity**

Refer to component SDS

## **SECTION 11: Toxicological information**

Refer to component SDS

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Refer to component SDS

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SECTION 13: Disposal considera	tions			
Refer to component SDS				
SECTION 14: Transport informat	tion			
14.1 UN number				
ADR/RID: -	IMDG: -	IATA: -		
<b>14.2 UN proper shipping name</b> ADR/RID:Not dangerous goodsIMDG:Not dangerous goodsIATA:Not dangerous goods				
14.3 Transport hazard class(es) ADR/RID: -	IMDG: -	IATA: -		
14.4 Packaging group ADR/RID: -	IMDG: -	IATA: -		
14.5 Environmental hazards ADR/RID: no	IMDG Marine pollutant: no	IATA: no		
14.6 Special precautions for use	er			

#### **Further information**

Not classified as dangerous in the meaning of transport regulations.

#### **SECTION 15: Regulatory information**

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Refer to component SDS

#### **15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

#### **SECTION 16: Other information**

Kit Components:	
REAGENT	Sigma
TERGITOL	Sigma

MAK529A MAK529B

Acute Tox. 4; Skin Irrit. 2; Eye Dam. 1; H302 + H332, H315, H318

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#### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

#### **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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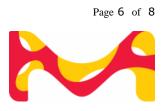
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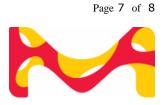
# **Kit Components:**

REAGENT					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Sigma - MAK529A					Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

TERGITOL					
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		Word	Statements	Statements	information
Sigma - MAK529B		Danger	Harmful if swallowed or if inhaled. Causes skin irritation. Causes serious eye damage.	Avoid breathing mist or vapors. IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Wear protective gloves/ eye protection/ face protection. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if	

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	present and easy to do. Continue	
	rinsing.	

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