Sigma-Aldrich

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.1 Revision Date 15.05.2019 Print Date 02.03.2022 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	:	Colorimetric Aldehyde Assay Kit
	Product Number Brand REACH No.	:	MAK139 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 us	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	:	Sigma-Aldrich Pte Ltd (Co. Registration No. 199403788W) 2 Science Park Drive #05-01/12 Ascent Building SINGAPORE 118222 SINGAPORE
Telephone Fax E-mail address	:	+65 6890 6633 +65 6890 6639 TechnicalService@merckgroup.com

1.4 Emergency telephone number

Emergency Phone # : 1-800-262-8200

This is a summary MSDS for a kit, for the full MSDS 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 Corrosive to metals (Category 1), H290

Skin corrosion (Category 1A), H314

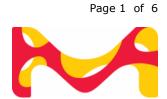
For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008

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	Pictogram	
	Signal word	Danger
	Hazard statement(s) H290 H314	May be corrosive to metals. Causes severe skin burns and eye damage.
	Precautionary statement(s) P280	Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER/doctor.
	Supplemental Hazard Statements	none
2.3	Other hazards - none	

SECTION 3: Composition/information on ingredients

Refer to component MSDS

SECTION 4: First aid measures

Refer to component MSDS

SECTION 5: Firefighting measures

Refer to component MSDS

SECTION 6: Accidental release measures

Refer to component MSDS

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** For precautions see section 2.2.
- **7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

Recommended storage temperature -20 °C

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 MSDS

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SECTION 9: Physical and chemical properties

Refer to component MSDS

SECTION 10: Stability and reactivity

Refer to component MSDS

SECTION 11: Toxicological information

Refer to component MSDS

SECTION 12: Ecological information

Refer to component MSDS

SECTION 13: Disposal considerations

Refer to component MSDS

SECTION 14: Transport informat	tion	
14.1 UN number ADR/RID: -	IMDG: -	IATA: -
14.2 UN proper shipping name ADR/RID: Not dangerous goo IMDG: Not dangerous goo IATA: Not dangerous goo	ods	
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 No data available	er	

SECTION 15: Regulatory information

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. Refer to component MSDS

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15.2 Chemical safety assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

Kit Components: Aldehyde Detection Reagent	Sigma	MAK139A	
Assay Solution	Sigma	MAK139B	Met. Corr. 1; Skin Corr. 1A; H290, H314
Aldehyde Standard Dilution Buffer	Sigma Sigma	MAK139C MAK139D	

Further information

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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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Kit Components:

Aldehyde Det	Aldehyde Detection Reagent							
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental			
identifier		word	statements	statements	information			
Sigma - MAK139A					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.			

Assay Solution	n				
Product	Pictogram	Signal	Hazard	Precautionary	Supplemental
identifier		word	statements	statements	information
identifier Sigma - MAK139B		word Danger	statements May be corrosive to metals. Causes severe skin burns and eye damage.	Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wear protective gloves/ protective clothing/ eye protection/ face protection. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact	information
				keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes.	

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Aldehyde St	Aldehyde Standard							
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information			
Sigma - MAK139C					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.			

Dilution Buff	Dilution Buffer							
Product identifier	Pictogram	Signal word	Hazard statements	Precautionary statements	Supplemental information			
Sigma - MAK139D					Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.			

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