

SAFETY DATA SHEET (SDS)

SDS – 094

Revision number: 1

Rev. 11/17

Calibrator 80 Diluent

Part Numbers: 103400

For use with the ADAMS A1c HA-8180V

ARKRAY USA, Inc.

5182 West 76th Street

Minneapolis, Minnesota 55439

Technical Customer Service Phone:

1-855.646.3108

SAFETY DATA SHEET

SDS No. : 71266EU-2
 Issue Date : 01 Jun. 2009
 Revision Date : 25 Jan. 2017

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : CALIBRATOR 80 Diluent

1.2 Relevant identified uses of the substance or mixture and uses advised against

The product is applicable for the following purpose of use only. Use exclusive reagents for ADAMS A1c HA-8180 series.

1.3 Details of the supplier of the safety data sheet

ARKRAY FACTORY, Inc.

Address : 1480 Koji, Konan-cho, Koka-shi, Shiga 520-3306, JAPAN

Phone : +81-748-86-6901

Facsimile : +81-748-86-5347

European representative

ARKRAY Europe, B. V.

Address : Prof. J. H. Bavincklaan 2, 1183 AT Amstelveen, THE NETHERLANDS

Phone : +31-20-545-2450

Facsimile : +31-20-545-2459

1.4 Emergency telephone number

Emergency phone : +31-20-545-2450

2. Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to REGULATION (EC) No 1272/2008.

2.2 Label elements

The product does not need to be labeled in accordance with EC regulations or respective national laws.

2.3 Other hazards

May be harmful if ingested.

May cause eyes and skin irritation.

3. Composition/information on ingredients

3.2 Mixtures

Component	Conc. [%]	Formula	EINECS No.	CAS No.	Classification Regulation(EC) 1272/2008(CLP)
Polyethylene glycol p-octylphenyl ether	≤ 0.10	(C ₂ H ₄ O) _n C ₁₄ H ₂₂ O	—	9002-93-1	Acute Tox. (oral) 4; H302 Skin Irrit. 2; H315, Eye Dam. 1; H318, Aquatic Chronic 2; H411
Phosphate	≤ 0.10	—	—	—	—

4. First aid measures

4.1 Description of first aid measures

Inhalation

Not applicable

Skin contact

Immediately wash thoroughly with water and soap. Immediately get medical attention if itchiness and inflammation occurs.

Eye contact

Immediately wash eyes with plenty of clean water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

Ingestion

Rinse mouth. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No relevant information available

4.3 Indication of any immediate medical attention and special treatment needed

No relevant information available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water

Unsuitable extinguishing media

No relevant information available

5.2 Special hazards arising from the substance or mixture

No relevant information available

5.3 Advice for firefighters

No relevant information available

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Stay away from the contaminated area.

For emergency responder

Wear suitable protective equipment.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Flush with plenty of water or wipe off with absorbent such as damp cloth before it dries. Rinse used cloth sufficiently.

6.4 Reference to other sections

For personal protection see Section 8.

For disposal see Section 13.

7. Handling and storage

7.1 Precautions for safe handling

Preventive measures (Exposure Control for handling personnel)

Wear suitable protective equipment. For personal protection see Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Avoid direct sunlight. Store at temperature of 2 to 8 °C. Keep container tightly closed.

7.3 Specific end use(s)

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

8. Exposure controls/personal protection

8.1 Control parameters

No data available.

8.2 Exposure controls

Appropriate engineering controls

No information available

Individual protection measures, such as personal protective equipment

Eye/face protection

Use protective goggles, if necessary.

Skin protection

Hand protection

Use protective gloves, if necessary.

Other

Use protective clothing, if necessary.

Respiratory protection

No information available

Thermal hazards

No information available

Environmental exposure controls

No information available

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colorless clear liquid
Odour	No data available
Odour threshold	—
pH	7.50 ± 0.10
Melting point/freezing point	No data available
Boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available

Vapor density	No data available
Solubility in	No data available
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

9.2 Other information

No further relevant information

10. Stability and reactivity

10.1 Reactivity

No information available

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

No information available

10.4 Conditions to avoid

No information available

10.5 Incompatible materials

No information available

10.6 Hazardous decomposition products

No information available

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity	No information available		
Skin corrosion/irritation	No information available		
Serious eye damage/irritation	No information available		
Respiratory or skin sensitization	No information available		
Germ cell mutagenicity	No information available		
Carcinogenicity			
IARC: —	NTP: —	OSHA: —	ACGUH: —
Reproductive toxicity	No information available		
STOT-single exposure	No information available		
STOT-repeated exposure	No information available		
Aspiration hazard	No information available		

12. Ecological information

12.1 Toxicity

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Other adverse effects

No information available

13. Disposal considerations

13.1 Waste treatment methods

Product

If the product is unused, dilute the product with a large amount of water before disposing.

Contaminated packaging

Remove the product from containers completely, and dispose of in accordance with the regulations.

Others

If used product, ask a licensed disposal company.

Observe all federal, state, and local environmental regulation.

14. Transport information

14.1 UN number

ADR/RID: —

IMDG: —

IATA: —

14.2 UN proper shipping name

ADR/RID: —

IMDG: —

IATA: —

14.3 Transport hazard class(es)

ADR/RID: —

IMDG: —

IATA: —

14.4 Packing group

ADR/RID: —

IMDG: —

IATA: —

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

No information available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

15. Regulatory information

The safety datasheet compiles with the requirements of Regulation (EC) No. 1907/2006.

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

No information available

15.2 Chemical safety assessment

No information available

16. Other information

The date of preparation and revision of the SDS

Prepared on 1 June 2009.

Revised on 24 August 2012: Added a postscript to the following words in the document beginning, "This material safety data sheet is according to (ES) No. 1907/2006 REACH."

Revised on 10 June 2015: Modified in accordance with the requirements of Regulation (EC) No. 1907/2006.

Revised on 8 June 2016: European representative's address has changed.

Revised on 25 January 2017: Corrected the wording in 15.1.

Key literature references

Insert

Further information

The above information contained herein is based on the data available to us and is believed to be correct. However, ARKRAY, Inc. bears no warranty expresses or implies regarding the accuracy of these data or the results to be obtained from the use thereof.

ARKRAY, Inc. assumes no responsibility for injury caused from the use of the product described herein.