

SAFETY DATA SHEET (SDS)

SDS – 092

Revision number: 1

Rev. 11/17

Diluent 80

Part Numbers: 103399

For use with the ADAMS A1c HA-8180V

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SAFETY DATA SHEET

SDS No. : 71265EU-1
Issue Date : 01 Oct. 2008
Revision Date : 22 Dec. 2016

1. Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Product name : CONTROL DILUTION SET 80 DILUENT 80

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

No relevant information

3. Composition/information on ingredients**3.2 Mixtures**

Component	Conc. [%]	Formula	EINECS No.	CAS No.	Classification Regulation(EC) 1272/2008(CLP)
2-Phenoxyethanol	< 1	C ₈ H ₁₀ O ₂	204-589-7	122-99-6	Acute Tox. 4; H302 Eye Irrit. 2; H319

4. First aid measures**4.1 Description of first aid measures****Inhalation**

Remove to fresh air and keep comfortable for breathing.

Get medical attention if respiratory symptom appears.

Skin contact

Wash immediately with plenty of water and soap.

Get medical attention if skin irritation or rash occurs.

Wash contaminated clothing before reuse.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Get medical attention if eye irritation persists.

Ingestion

Rinse mouth.

Get medical attention if you feel unwell.

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**

No relevant information available

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

Remove containers to safety area, if safe to do. If not, cool containers and surrounding area with water.

Wear suitable personal protective equipment.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

No relevant information available

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

Stop leak if possible without risk.

Wash away the area with large amount of water after collecting spilled material. Or wipe up before drying. Wash waste cloth used for cleaning with large amount of water.

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 personal protective equipment. For personal protection see Section 8.

Handle only in the open air or a well ventilated area.

Wash hands and gargle after handling. Do NOT eat, drink, or smoke during handling.

7.2 Conditions for safe storage, including any incompatibilities

Store only in well-ventilated areas.

Avoid direct sunlight. Store at temperature of 2 to 30 °C. Keep container tightly closed.

Keep the residuals only in the original container.

For incompatibilities see Section 10.

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

It is desirable to install local exhaust ventilations.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety goggles or face-shield.

Skin protection

Hand protection

Wear suitable impervious gloves.

Other

Wear suitable protective clothing.

Respiratory protection

Wear suitable mask.

Environmental exposure controls

No relevant information available

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colourless clear liquid
Odour	No data available
Odour threshold	No data available
pH	7.50 ± 0.10
Melting point/freezing point	No data available
Boiling point and boiling range	No data available
Flash Point	None

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	Soluble in water
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	None
Decomposition temperature	No data available
Viscosity	No data available

9.2 Other information

No further information available

10. Stability and reactivity

10.1 Reactivity

No relevant information available

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong acid

10.6 Hazardous decomposition products

No data available.

11. Toxicological information

11.1 Information on toxicological effects

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

12. Ecological information

12.1 Toxicity

No relevant information available

12.2 Persistence and degradability

No relevant information available

12.3 Bioaccumulative potential

No relevant information available

12.4 Mobility in soil

No relevant information available

12.5 Results of PBT and vPvB assessment

No relevant information available

12.6 Other adverse effects

No relevant 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 relevant 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 chemical safety assessment has been carried out for this mixture by the supplier.

16. Other information

The date of preparation and revision of the SDS

Prepared on 1 October 2008.

Revised on 1 April 2010: Changed Telephone number & Facsimile number of the Manufacturer in "Company information."

Revised on 16 July 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 22 December 2016: 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.