

# **SAFETY DATA SHEET (SDS)**

**SDS – 089**

**Revision number: 1**

**Rev. 11/17**

**Eluent 80B**

**Part Numbers: 103396**

**For use with the ADAMS A1c HA-8180V**

**ARKRAY USA, Inc.**

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**Minneapolis, Minnesota 55439**

**Technical Customer Service Phone:**

**1-855.646.3108**

## SAFETY DATA SHEET

SDS No. : 71263EU  
Issue Date : 01 Oct. 2008  
Revision Date : 25 Jan. 2017

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

#### 1.1 Product identifier

Product name : ELUENT 80B

#### 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 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 directives 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)
Sodium perchlorate	≤ 3.0	NaClO <sub>4</sub>	231-511-9	7601-89-0	Ox. Sol 1; H271, Acute Tox. (oral) 4; H302
Sodium azide	< 0.1	NaN <sub>3</sub>	247-852-1	26628-22-8	Acute Tox. (oral) 2; H302, Acute Tox. (dermal) 1; H310,

						Skin Corr. 1C; H314, Eye Dam. 1; H318, STOT SE (circulatory system) 1; H370, STOT RE (liver, circulatory system) 1; H372, Aquatic Acute 1; H400, Aquatic Chronic 1; H410
Phosphate	≤ 2.0	—	—	—	—	

**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 you feel unwell.

**Skin contact**

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

Wash contaminated clothing before reuse.

**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**

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

**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)**

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

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

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

Avoid direct sunlight. Store at temperature of 3 - 30 °C. Keep container tightly closed.

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**

Handle in a well-ventilated area.

**Individual protection measures, such as personal protective equipment**

Eye/face protection

Wear protective goggles, if necessary.

Skin protection

Hand protection

Wear protective gloves, if necessary.

Other

Wear 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	Colourless liquid
Odour	None
Odour threshold	—
pH	8.05 ± 0.20
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 available

## 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

Acid

### 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



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 information available

**16. Other information****The date of preparation and revision of the SDS**

Prepared on 1 October 2008

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

Revised on 1 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.

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