

SAFETY DATA SHEET (SDS)

SDS – 095

Revision number: 1

Rev. 03/18

Washing Solution for Tubes

Part Numbers: 71237

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. : 71237EU
Issue Date : 01 Nov. 2004
Revision Date : 28 Feb. 2018

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

1.1 Product identifier

Product name : Washing Solution for Tubes

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

This product is applicable for the following purpose of use only:

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

U.S. representative

ARKRAY USA, Inc.

5182 West 76th Street

Minneapolis, MN 55439

1-855-646-3108

1.4 Emergency telephone number

Emergency phone : 1-855-646-3108

2. Hazards Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to HCS 2012, REGULATION (EC) No 1272/2008.

2.2 Label elements

The product does not need to be labeled in accordance with EC directives or respective of national laws in the EU.

GHS label elements, including precautionary statements:

Emergency overview

Signal word: No signal word

Appearance: Clear, aqueous solution

Physical state: Liquid

Odor: Almost none

Precautionary statements

- In case of contact with eyes, mouth or skin, wash immediately and thoroughly with water and consult your physician if necessary.
- Store under suitable conditions according to product labeling and do not use after the expiration date.
- Make sure the bottle cap is closed tightly and avoid exposing to direct sunlight when storing.
- Determine proper disposal methods to comply with Local, State, and Federal regulations.

Hazard not otherwise classified (HNOC)

Not applicable.

Other information

Not applicable.

2.3 Other hazards

It is harmful in high doses.

It is non-combustible and not hazardous under conditions of normal use.

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

Component	Concentration	Formula	EC number	CAS No.
Nonionic surfactant	1 - 5 %	—	—	—
Inorganic salt	1 - 5 %	—	—	—
Antiseptics	0.1 - 1 %	—	—	—

No hazardous components >1%, >0.1% carcinogen.

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

Remove person to fresh air; rinse mouth with water sufficiently and keep comfortable for breathing. Get medical treatment if necessary.

Skin contact

Wash skin with plenty of cold water, get medical treatment if necessary.

Eye contact

If even a small amount of the product gets in eyes, immediately rinse under plenty of running water for over 15 minutes without rubbing eye (carefully wash eyeball and eyelid completely). Get medical treatment by an eye doctor. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Rinse mouth with water sufficiently. If person is conscious, let person drink fresh water or milk. Do NOT induce vomiting. Immediately get medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

This product is non-flammable. In case of a fire around the container, use a fire-extinguishing agent consisting of water, dry-chemical powder or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Evacuate non-essential personnel to a safe area.

5.3 Advice for firefighters

Firefighters should wear proper protective equipment and self-contained breathing apparatus for fighting if necessary. Be careful not to inhale smoke.

6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Wear proper protective equipment. Keep unauthorized personnel away.

6.2 Environmental precautions

Each disposal facility must determine proper disposal methods to comply with Local, State, and Federal Environmental Regulations.

6.3 Methods and material for containment and cleaning up

Collect spillage as much as possible and wipe off any remaining liquid on the floor or ground with absorbent material to be placed in a disposal container.

6.4 Reference to other sections

For disposal see Section 13.

7. Handling and storage**7.1 Precautions for safe handling****Preventive measures (Exposure control for handling personnel)**

Wear proper protective equipment.

Avoid contact with skin and eyes. Completely avoid mist/spray.

7.2 Conditions for safe storage, including any incompatibilities

Keep the product away from direct sunlight and store at room temperature (1-30°C). Keep container tightly closed. Keep out of reach of children.

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**

Good general ventilation should be sufficient for most conditions.

Install equipment for washing hands, eyes or skin near the site of handling. Post a notice to indicate the availability of such equipment.

Protective equipment

Hand protection

Wear suitable gloves such as rubber gloves.

Eye protection

Wear appropriate eye protection to prevent eye contact.

Skin and body protection

Wear protective mask, protective boots, protective clothes, or protective rubber apron if necessary.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance	: Colorless transparent solution
Odor	: Almost none
Odor threshold	: No data available
pH	: 7.5 (central value)
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	: Water and hot water
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

Specific gravity	1.03 (central value)
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10. Stability and reactivity**10.1 Reactivity**

No further information available.

10.2 Chemical stability

Stable under normal storage/handling conditions

10.3 Possibility of hazardous reactions

It may corrode non-ferrous metals (such as copper, aluminum, and brass) other than stainless steel.

10.4 Conditions to avoid

Direct sunlight, heat

10.5 Incompatible materials

No further information available.

10.6 Hazardous decomposition products

No further information available.

11. Toxicological information**11.1 Information on toxicological effects**

Acute toxicity : No data available currently

Skin corrosion/irritation : No data available currently

Serious eye damage/irritation : No data available currently

Respiratory or skin sensitization : No data available currently

Germ cell mutagenicity : No data available currently

Carcinogenicity

IARC: -

NTP: -

OSHA: -

ACGUH: -

Reproductive toxicity : No data available currently

STOT-single exposure : No data available currently

STOT-repeated exposure : No data available currently

Aspiration hazard : No data available currently

12. Ecological information**12.1 Toxicity**

No data available currently

12.2 Persistence and degradability

No data available currently

12.3 Bioaccumulative potential

No data available currently

12.4 Mobility in soil

No data available currently

12.5 Results of PBT and vPvB assessment

No data available currently

12.6 Other adverse effects

No data available currently

13. Disposal considerations**13.1 Waste treatment methods****Waste residues**

Dilute the product with a large volume of water before disposing.

In case of a large amount of waste, consult a professional industrial waste disposal company.

14. Transport information**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: -

IMDG: -

IATA: -

use/usage.

The notification given herein regarding the potential hazards and toxicity may not be sufficient, so handle such item very carefully.