

SAFETY DATA SHEET

SDS No.: 79053E

Issue Date: December 17, 2003

Revision Date: December 3, 2010

IDENTITY

CONCENTRATED WASHING SOLUTION 3**1. PRODUCT & COMPANY IDENTIFICATION****PRODUCT NAME:** CONCENTRATED WASHING SOLUTION 3**PRODUCT IDENTIFICATION:**

This product is used for washing of AX-4280, AX-4030 and AU-4050 supplied by ARKRAY, Inc.

MANUFACTURER: ARKRAY FACTORY, Inc.

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

Telephone number & Emergency telephone number: +81-748-86-6901

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EUROPEAN REPRESENTATIVE: (In EUROPE) ARKRAY Europe, B. V.

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Telephone number & Emergency telephone number: +31-20-545-2450

Facsimile: +31-20-545-2459

2. HAZARDS IDENTIFICATION

Harmful if ingested.

Cause eye and skin irritation.

Wear suitable protective clothing and gloves and safety goggles(glasses)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration (wt%)
Polyethylene Glycol Mono-p-isooctylphenyl Ether (Triton X-100)	9002-93-1	---	---	less than 1.0
Sodium azide	26628-22-8	---	247-852-1	less than 0.1
Sodium phosphate tribasic dodecahydrate	10101-89-0	---	---	less than 1.0

This product is not classified as a dangerous preparation according to 1999/45/EC and 67/548/EEC and following amendments and modifications.

The identification of danger: SYMBOL: -----, R-phrases: -----

* But this is alkaline solution. Therefore handle with care for it.

4. FIRST-AID MEASURES**Eye Contact**

Immediately wash eyes with plenty of clean water for at least 15 minutes and seek medical advice.

Skin Contact

Immediately wash thoroughly with water and soap. Immediately seek medical advice if it causes itchiness and inflammation etc.

Inhalation

Cover the victim with, for example, a blanket and remove to fresh air. He should blow his nose and gargle. If he has trouble breathing, give oxygen quickly. Immediate medical treatment is required.

Ingestion

Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Immediate medical treatment is required.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: water etc.

Special Fire-Fighting Procedures: None

6. ACCIDENTAL RELEASE MEASURES

Individual protection: Use personal protective devices.

Please refer to point 8 for specific protection measures.

Environmental precautions: Dispose in compliance to the law in force. Clean spillage area.

Cleaning methods: Rinse with running water.

7. HANDLING & STORAGE

Dilute the concentrated solution with deionized water at ratio of 1:9 for use.

Always use freshly made washing solution as fungus or bacteria may grow after it is diluted.

Use the washing solution within expiration date. If the storage is not appropriate, sufficient performances are not maintained even though it is within the expiration date.

Avoid direct sunlight for storage. Store at room temperature from 1 to 30°C.

The color may become dark brownish but it does not affect quality.

#See the package insert for further handling information.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limit: Not available

Eye Protection: Use safety goggles(glasses).

Skin Protection: Use rubber gloves and suitable protective clothing.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance : Clear solution

pH: 12(at 25°C)

Boiling Point: Not available

Melting Point: Not available

Vapor Pressure: Not available

Solubility in: Water

Flash Point: Not available

Autoignition Temperature: Not available

Flammable Limits: Not available

10. STABILITY & REACTIVITY

Condition to avoid: Sunlight and high temperature

Stability and Reactivity: Stable under normal conditions

Materials To Avoid: Not available

Hazardous Decomposition Products: Not available

11. TOXICOLOGICAL INFORMATION

Irritation (skin, eye) : May cause irritating skin and eyes

Acute toxicity : Not available as the mixture

Sensitizing: Not available as the mixture

Chronic Toxicity: Not available as the mixture

Mutagenicity: Not available as the mixture

Carcinogenicity: IARC; Not listed, **NTP;** Not listed, **OSHA;** Not listed, **ACGUH;** Not listed
Reproductive Toxicity: Not available as the mixture

12. ECOLOGICAL INFORMATION

Ecotoxicity : hr LC₅₀: Not available
Mobility: Not available
Persistence and degradability: Not available
Bioaccumulative potential: Not available
Other adverse effect: Not available

13. DISPOSAL CONSIDERATION

Flush with a lot of water in accordance with all applicable regulations. Any disposal practice must be in complicated with company, local, state, and federal laws and regulations. (Contact country, local or state environmental agency for specific rules.)

14. TRANSPORT INFORMATION

IATA: Not restricted as the mixture.

15. REGULATORY INFORMATION

This product is not classified as a dangerous preparation according to 1999/45/EC and 67/548/EEC and 2001/58/EC.

16. OTHER INFORMATION

MODIFICATION LIST

December 17, 2003	: Prepared
November 1, 2004	: Modification added to the European representative
November 1, 2005	: Revised "Company information"
	Change from Manufacturer "ARKRAY, Inc" to "ARKRAY FACTORY"
January.8, 2010	: Revised "Company information"
	Change Telephone number & Facsimile number of the Manufacturer
April 28, 2010	: Revised a format in accordance with ISO11014-1
July 26, 2010	: Revised "Product Identification"
	Add a new model
December 3, 2010	: Revised "Composition / Information on Ingredients"
	Change expression from "or less " to "less than"

The 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.
