

# **SAFETY DATA SHEET (SDS)**

**SDS – 066**

**Revision number: 1**

**Rev. 04/15**

**Uriflet S 9HA**

**Part Numbers: 73521**

**For use with the AUTION HYBRID AU-4050**

**ARKRAY USA, Inc.**

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**Minneapolis, Minnesota 55439**

**Technical Customer Service Phone:**

**1-855.646.3108**

# SAFETY DATA SHEET

IDENTITY

**Uriflet™ S 9HA**

## 1. PRODUCT & COMPANY IDENTIFICATION

**PRODUCT NAME:** Uriflet™ S 9HA

**PRODUCT IDENTIFICATION:**

This product is an in vitro diagnostic reagent strip intended for the determination of Glucose, Protein, Bilirubin, Urobilinogen, pH, Blood, Ketones, Nitrite and Leucocytes in urine.

This is intended for professional use with the AUTION Analyzer.

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## 2. HAZARDS IDENTIFICATION

May be harmful if ingested.

May cause eye and skin irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

This reagent is composed of a plastic strip affixed with reagent areas for Glucose, Protein, Bilirubin, Urobilinogen, pH, Blood, Ketones, Nitrite and Leucocytes determination and a pad for calibration. They contain a little amount of chemical substances as follows:

### Glucose

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Glucose oxidase(GOD)	9001-37-0	---	---	700 I.U.	1.0 or less
Peroxidase(POD)	9003-99-0	---	232-668-6	175 P.U.	1.0 or less
4-Aminoantipyrine(4-AAP)	83-07-8	---	201-452-3	14.0 mg	1.0 or less
1-Naphthole-3,6-disulfonic acid, disodium salt	313222-89-8	---	---	14.0 mg	1.0 or less

### Protein

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Tetrabromophenol blue(TBPB)	4430-25-5	---	---	0.35 mg	1.0 or less

### Bilirubin

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
2-Methyl-5-nitroaniline	99-55-8	---	---	1.9mg	1.0 or less
Sodium nitrite	7632-00-0	---	231-555-9	1.0mg	1.0 or less

**Urobilinogen**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
3,3'-Dimethoxy-4,4'-diazo-biphenyl tetrafluoride borate	---	---	---	0.16 mg	1.0 or less

**pH**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Bromocresol green	76-60-8	---	200-972-8	0.07 mg	1.0 or less
Bromoxyleneol blue	4007-59-5	---	2547804	0.72 mg	1.0 or less

**Blood**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Cumen hydroperoxide(CHP)	80-15-9	---	2012547	30.0 mg	1.0 or less
3,3'-5,5'-Tetramethylbenzidine (TMBZ)	54827-17-7	---	2593646	15.0 mg	1.0 or less

**Ketones**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Sodium nitroprusside	13755-38-9	---	238-373-9	12.0 mg	1.0 or less

**Nitrite**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
Sulfanilamide	63-74-1	---	2005-63-4	3.9 mg	1.0 or less
N-1-Naphthyl-ethylenediaminedihydrochloride (NEDA-2HCl)	1465-25-4	---	215-981-2	0.3 mg	1.0 or less

**Leucocytes**

Composition	CAS No.	Symbol and R-phrases(*)	EINECS No.	Concentration	
				(in 100strips)	(wt%)
3-(N-Toluenesulfonyl-L-alanyloxy) indole(TAI)	---	---	---	0.49 mg	1.0 or less
2-Methoxy-4-(n-morpholino-benzenediazoniumu(MMB)	67801-08-5	---	---	0.17 mg	1.0 or less

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

\* See section 2.4 Directive 2001/58/EC

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

**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.

**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

For in vitro diagnostic use only.

Store at temperature between from 1 to 30°C avoiding humidity, direct sunlight or heat. Improper storage may cause insufficient performance of test strips. Do not use deteriorated, discolored or blackened test strips.

Use test strips as soon as possible after opening the container.

Avoid contamination by volatile chemicals.

# See the package insert for further handling information.

## 8. EXPOSURE COTROLS / PERSONAL PROTECTION

**Occupational Exposure Limit:** Not available

**Eye Protection:** Use safety goggles (glasses), if necessary.

**Skin Protection:** Use rubber gloves and suitable protective clothing, if necessary.

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Appearance :** This is a dry reagent strip and is consists of a plastic strip affixed with reagent areas.

**pH:** Not available

## 10. STABILITY & REACTIVITY

**Condition to avoid:** Sunlight, heat

**Stability and Reactivity:** Stable

**Materials To Avoid:** Volatile chemicals

**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 LC<sub>50</sub>:** Not available

**Mobility:** Not available

**Persistence and degradability:** Not available

**Bioaccumulative potential:** Not available

**Other adverse effect:** Not available

## 13. DISPOSAL CONSIDERATION

Dispose of used strips as biohazardous waste in accordance with all applicable regulations. Any disposal practice must be in compliance 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

April 6, 2011 : Prepared

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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.

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