

vChem™ Urine Chemistry Strips

MATERIAL SAFETY DATA SHEET

**REF: 800-7006, 800-7007, 800-7008, 800-7009,
800-7010, 800-7011, 800-7012, 800-7013**

Conforms to OSHA and EU 91/155/CEE

Iris Diagnostics
A Division of IRIS International, Inc.
9172 Eton Avenue
Chatsworth, CA 91311
Phone (818) 709-1244
Emergency (800) 776-4747



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Section 1: Company and Product Identification				
Product Name:	vChem Urine Chemistry Strips			
Part Number(s):	800-7006, 800-7007, 800-7008, 800-7009, 800-7010, 800-7011, 800-7012, 800-7013			
Manufacturer:	Iris Diagnostics, a Division of IRIS International, Inc.			
Distributor and Emergency Phone Number:	Iris Diagnostics - (800) 776-4747 or (818) 709-1244 or contact local poison control center			
Section 2: Composition and Information on Ingredients				
Hazardous Ingredients:	These products are manufactured on reagent-impregnated paper that may contain constituents, which have been considered as cancer suspect agents. However, the weight percent of these within the vChem reagent strips are respectively less than 0.1% and are well below the OSHA hazard limits. Refer to 29 CFR 1910.100 Hazard Communication Standard.			
Composition:	<p>Bilirubin: 2,4-dichlorobenzene diazonium salt 3.1%</p> <p>Urobilinogen: Fluorodiazonium tetrafluoroborate 0.4%</p> <p>Ketones: Sodium nitroprusside 2.0%; Glycine 68.9%</p> <p>Ascorbic Acid: 2,6-dichloro-phenol-indophenol 0.7%</p> <p>Glucose: Glucose oxidase 2.1%; Peroxidase 0.9%; Toluidine hydrochloride 5.0%</p> <p>Protein: Tetra-bromophenol blue 0.2%</p> <p>Blood: Cumene hydroperoxide 25.0%; Tetramethylbenzidine dihydrochloride 0.2%</p> <p>pH: Bromthymol blue 6.4%; Cresol red 1.8%; Methyl red 1.6%</p> <p>Nitrite: 4-arsanilic acid 8.2%; N-(naphthyl)-ethylenediammonium dihydrochloride 2.8%</p> <p>Leukocytes: Indoxylcarbonic acid ester 0.4%; Diazonium salt 0.2%</p> <p>Specific Gravity: Bromthymol blue 3.6%</p>			
Section 3: Hazards Identification				
Physical Hazards:	May be harmful if ingested. May cause eye and skin irritation.			
Potential Health Effects Summary:	Does not meet EU, OSHA or WHMIS criteria for hazardous materials.			
Product Hazard Classifications:	<table border="0"> <tr> <td>EU: Not listed</td> <td>WHMIS: Exempt</td> <td>US OSHA: Not listed</td> </tr> </table>	EU: Not listed	WHMIS: Exempt	US OSHA: Not listed
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Section 4: First Aid Measures				
Ingestion:	Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Immediate medical attention is required.			
Eye Contact:	If product is splashed in eyes, wash eyes under gently running water for at least 15 minutes, making sure that the eyelids are held open. If irritation or redness develops, obtain medical attention.			
Skin Contact:	Immediately wash thoroughly with soap and water. Immediately seek medical advice if it causes itchiness and inflammation etc.			
Section 5: Fire Fighting Measures				
Flash Point:	N/A			
Flammable Limits	N/A			

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Auto-ignition Temperature:	N/A		
Extinguishing Media:	Use extinguishing media suitable for surrounding fire.		
Special Fire and Explosion Hazards:	None.		
Hazardous Combustion Products:	None.		
Protective Equipment for Firefighters:	None.		
Section 6: Accidental Release Measures			
Personal Precautions:	Avoid skin and eye contact. Use good laboratory practices.		
Spill and Leak Procedures:	No special hazards determined.		
Environmental Precautions:	Absorb into inert solid or dilute with a large quantity of water and flush into an approved wastewater treatment system. Comply with all applicable legal regulations.		
Section 7: Handling and Storage			
Handling Precautions:	Use good laboratory practices; avoid eye and skin contact.		
Recommended Storage Conditions:	To maintain efficacy, store according to the instructions on the product labeling.		
Other Precautions/Special Hazards:	None.		
Section 8: Exposure Controls and Personal Protection			
EXPOSURE LIMITS			
US OSHA:	None established.		
ACGIH:	None established.		
DFG MAK:	None established.		
Engineering Controls:	Use in well ventilated area.		
Eye Protection:	Safety glasses should be worn to prevent eye contact.		
Skin Protection:	Impervious gloves should be worn to prevent skin contact.		
Section 9: Physical and Chemical Properties			
Physical State:	This is a dry reagent strip and consists of a plastic strip affixed with reagent areas.		
Section 10: Stability and Reactivity			
Stability:	Stable under normal temperatures and pressures.		
Hazardous Incompatibilities:	U/A		
Hazardous Decomposition Products:	Not available.		
Section 11: Toxicological information			
Toxicity Data for Hazardous Ingredients:	N/A	Symptoms of Overexposure:	No specific symptoms identified.
Primary Routes of Exposure:	Skin or eye contact.	Carcinogenicity:	No ingredients in this product are listed as carcinogens by ACGIH, IARC, NTP, OSHA or 67/548/EEC Annex I.
Potential Effects of Acute Exposure:	None identified.	Other Effects:	None identified.
Potential Effects of Chronic Exposure:	None identified.		

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Section 12: Ecological information	
Ecotoxicity:	No results of ecological studies are available.
Biodegradability:	No results of biodegradability studies are available.
Mobility:	No results of mobility studies are available.
Section 13: Disposal Considerations	
Waste Disposal:	Dispose of used strips as biohazardous waste in accordance with all applicable regulations. Any disposal practice must be in compliance with company, local and federal laws and regulations. (Contact county, local or state environmental agency for specific rules.)
Section 14: Transport Information	
Transportation of this product is not regulated under ICAO, IATA, US DOT, European ADR/RVD, or Canadian TDG.	
Section 15: Regulatory Information	
US Federal and State Regulations	This product is classified as a dangerous preparation according to 1999/45/EC and 67/548/EEC and 2001/58/EC.
Section 16: Other Information	
For further information, please contact Iris Diagnostics or your local Iris Distributor.	

N/A = Not Applicable

U/A = Unavailable

The above information is believed to be accurate and represents the best information currently available to us. However, Iris Diagnostics makes no representation as to its comprehensiveness or accuracy. It should be used only as a guide and as a supplement to information concerning this product available from other sources. Individuals must exercise their independent judgment and make their own investigations in determining the suitability of this information for a particular purpose. Iris Diagnostics makes no warranty of merchantability or any other warranty, expressed or implied, with respect to the information set forth herein or to which the information refers. Iris Diagnostics will not be responsible for damages resulting from the use of or reliance upon this information. Disposal of hazardous materials may be subject to local laws or regulations.



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