



Bayer Healthcare LLC
Diabetes Care
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1-800-424-9300 (Chemtrec)
Technical Information
1-800-348-8100

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Sample Treatment Buffer

Product Number: 56971088-20065, 81672610-20071

Date Prepared: 2/4/2009

Revision Number: 2

Recommended Use: In vitro diagnostic reagent

2. COMPOSITION/INFORMATION ON INGREDIENTS

<i>CAS-No./EINECS-No.</i>	<i>Chemical Name</i>	<i>Amount</i>	<i>EU Classification (67/548/EEC):</i>
Proprietary /	Detergent	3%	Xi, R36/37/38

See Section 16 for further information on EU Classification.

3. HAZARDS IDENTIFICATION

Man: May cause eye/skin irritation.

Environment: None determined.

EU Classification (1999/45/EC): Not applicable

EU Risk and Safety Phrases: None

4. FIRST AID MEASURES

Emergency First Aid Procedures: Call a physician immediately. Arrange for transport to the nearest ER (emergency room).

While awaiting the physician or transport to the ER:

Inhalation: If it occurs move patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If the patient is conscious, rinse out mouth with water and have the patient drink a glass of water or milk to dilute the material. Transport to hospital for further medical attention.



Skin Contact: Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation persists.

Eye Contact: In case of eye contact immediately flush eyes with copious amounts of water for at least 15-20 minutes. Get medical attention if irritation persists.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Use whatever is required for the surrounding area.

Special Fire Fighting Procedures: It is always best to wear a self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None determined.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Take up with absorbent material and place in a suitable container. Wipe up area with a damp paper towel and discard.

7. HANDLING AND STORAGE

Store at temperatures and conditions as indicated on the product label. Avoid contact with the eyes, skin and clothing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Chemical Name</i>	<i>Exposure Limit(s)</i>
Detergent	None Established

Ventilation: Use general room ventilation.

Respiratory Equipment: None required.

Protective Gloves: Avoid contact with skin.

Eye Protection: Avoid contact with eyes.

Other Protective Equipment/Clothing: Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Clear, orange solution.

pH: 7.5

Specific Gravity (H₂O=1): ~1



Boiling Point (F): N/D

Melting Point (F): N/A

Vapor Pressure: N/D

Evaporation Rate: N/D

Solubility in Water: Soluble

Flash Point (Method Used): None

Flammable Limits: LEL: Not Applicable UEL: Not Applicable

N/A = Not Applicable N/D = Not Determined

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: None determined.

Substances to Avoid: None determined.

Hazardous Decomposition Products: None determined.

Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

Chronic Effects of Overexposure: None currently known.

Carcinogen or Suspected Carcinogen: None of the components are listed as a carcinogen or suspected carcinogen.

Medical Conditions Aggravated by Exposure: None currently known.

Acute Toxicity:

Inhalation: Inhalation of mists may cause minor respiratory irritation.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea and vomiting and other adverse effects.

Skin Contact: Contact may cause irritation, particularly on prolonged contact.

Eye Contact: Contact may cause irritation, particularly on prolonged contact.

Acute Toxicity Values: No data available.

12. ECOLOGICAL INFORMATION

Ecological effects of this mixture have not been determined.



This product contains 1% of a surfactant.

13. DISPOSAL CONSIDERATIONS

Primary Container Type: The product container is plastic.

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

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated

Technical Name:

UN Number: N/A

Hazard Class and Packaging Group: Not regulated

Label(s): N/A

Packing Instruction (Passenger Aircraft): N/A

Packing Instruction (Cargo Aircraft): N/A

Unit Volume: Not Determined

Primary Container Type: The product container is plastic.

Sales Unit: 1 kit.





15. REGULATORY INFORMATION

Canadian WHMIS Classification: Medical Devices are Exempt from WHMIS

EU Classification (1999/45/EC): Not applicable

EU Risk and Safety Phrases: None

16. OTHER INFORMATION

HMIS Hazard Rating		
 Health:	1	4 Severe Hazard
 Fire:	0	3 Serious Hazard
 Reactivity:	0	2 Moderate Hazard
 Personal	0	1 Slight Hazard
Protection:	B	0 Minimal Hazard
		* An asterisk indicates significant chronic health effects

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):



SAFETY DATA SHEET
56971088-20065

Xi - Irritant

R36/37/38 - Irritating to eyes, respiratory system and skin.

Reason for Revision: Revisions to section(s) 1

Prepared by: HES Department

The opinions expressed herein are those of qualified experts within Bayer Corporation. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Bayer Corporation, it is the users' obligation to assure safe use of the product.