

Material Safety Data Sheet

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Section I – Product Identification

Product name GLUTAMATE REAGENT Catalog number: P000064			
Manufacturer's Name M Dialysis AB	Emergency Telephone Number +46 8 470 10 20		
Address Hammarby Fabriksväg 43	Telephone Number for Information +46 8 470 10 20		
120 30 Stockholm	Date Prepared 1 July 2001	Date Revised 12 Dec 2013	
SWEDEN	Signature of Preparer MaW		

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	%(optional)	OSHA PEL	ACGIH TLV	Other Limits Recommended
SODIUM AZIDE	≤ 0.03 %	0.3 MG/ML	0.3 MG/ML	0.1 PPM

Section III - Hazard Identification

Route(s) of Entry:	Inhalation? YES	Skin? NO	Ingestion? NO
Signs and Symptoms of Exposure SODIUM AZIDE: HEADACHE, DROWSINESS, VOMITING			
Medical Conditions Generally Aggravated by Exposure NONE			

Section IV – First Aid Measures

Eyes FLUSH W/LARGE VOLUMES OF WATER FOR 15 MINUTES. KEEP WARM & QUIET. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN
Inhalation REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. IF BREATHING BECOMES DIFFICULT CALL A PHYSICIAN
Skin contact FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. IN SEVERE CASES CALL A PHYSICIAN
Ingestion WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN

Section V - Fire and Explosion Hazard Data

Flash Point (Method Used) >200 °C	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media USE MEDIA SPECIFIC FOR SITE CONDITIONS			
Special Fire Fighting Procedures WEAR SCBA & PROTECTIVE GARMENTS. IF POSSIBLE HAVE THIS PRODUCT REMOVED FROM THE SCENE.			

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Unusual Fire and Explosion Hazards
THIS PRODUCT CONTAINS SODIUM AZIDE WHICH IS CHEMICALLY SENSITIVE & REACTS VIOLENTLY TO SHOCK, FRICTION/HEAT.

Section VI – Accidental Release Measures

Steps to Be Taken in Case Material is Released or Spilled
VENTILATE AREA. IF DRY, MOP UP, PLACE IN A SUITABLE CONTAINER, SEAL, LABEL & HOLD FOR DISPOSAL. SOLUTION: USE AN ABSORBENT MATERIAL TO CONTAIN/PICKUP. ONCE SPENT, PLACE CONTAMINATED DISPOSABLE INTO A SUITABLE CONTAINER/SEAL/LABEL & HOLD FOR DISPOSAL.

Section VII – Handling and Storage

Precautions to Be taken in Handling and Storing
STORE DRY UNOPENED AT 2 –8 °C.

Other Precautions
AVOID CONTACT W/SKIN/EYES. DON'T EAT, DRINK/SMOKE WHILE WORKING W/REAGENTS. DON'T MOUTH PIPETTE. EXERCISE THE NORMAL PRECAUTIONS REQUIRED FOR HANDLING OF LABORATORY REAGENTS

Section VIII – Exposure Controls

Respiratory Protection NON REQUIRED IF VENTILATION IS ADEQUATE		
Ventilation	Local Exhaust ADEQUATE GENERAL EXHAUST	Special
	Mechanical (<i>General</i>)	Other
Protective Gloves RUBBER/CHEMICAL RESISTANT	Eye Protection SAFETY GLASSES W/SIDE SHIELDS	
Other Protective Clothing or Equipment EYE WASH STATIONS, DELUGE SHOWERS, LAB COAT		
Work/Hygienic Practices REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. OBSERVE APPROPRIATE CHEMICAL HYGIENE.		

Section IX - Physical/Chemical Characteristics

Boiling Point N/A		Specific Gravity (H ₂ O = 1) ~ 1	
Vapor Pressure (mm Hg.) N/A		Melting Point N/A	
Vapor Density (AIR = 1) N/A		Evaporation Rate (Butyl Acetate = 1) N/A	
Solubility in Water COMPLETE			
Appearance and Odor Buffer: CLEAR COLORLESS LIQUID ODORLESS Reagent: WHITE SOLID			

Section X - Reactivity Data

Stability	Stable YES	Conditions to Avoid EXCESS HEAT, FLAME, PRESSURE. SODIUM AZIDE: SHOCK, FRICTION & HEAT.
Incompatibility (<i>Materials to Avoid</i>) SODIUM AZIDE: HEAVY METALS, STRONG OXIDIZERS, STRONG ACIDS, ACID CHLORIDE, COPPER, LEAD PLUMBING		
Hazardous Decomposition or Byproducts SODIUM AZIDE: NITROGEN OXIDES, DISODIUM OXIDES & HEAVY METAL AZIDES. GASES, WHICH ARE DAMAGING TO HEALTH, DO NOT FORM IN DANGEROUS QUANTITIES.		
Hazardous Polymerization WILL NOT OCCUR		Conditions to Avoid N/A

Section XI – Toxicological Information

Health Hazards (<i>Acute and Chronic</i>) SODIUM AZIDE: IN A PURE FORM, IT IS CONSIDERED A POSION & MAY ALTER GENETIC MATERIAL. ALL COMPONENTS CAN CAUSE EYE, SKIN & UPPER RESPIRATORY TRACAT IRRITATION			
Carcinogenicity: NONE	NTP? NO	IARC Monographs? NO	OSHA Regulated? NO

Section XII – Ecological Information

Environmental Fate/Stability N/A
Effect of material on Plants or Animals N/A
Effect of chemical on Aquatic Life N/A

Section XIII – Disposal Considerations

Waste Disposal Method DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. SODIUM AZIDE: WHEN DISPOSING DOWN THE DRAIN, FLUSH W/LARGE VOLUMES OF WATER. CLEAR EXPOSED METAL SURFACES W/10% SODIUM HYDROXIDE
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Section XIV – Transport Information

Transport information NOT SUBJECT TO ANY TRANSPORT RESTRICTIONS
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Section XV – Regulatory Information

Regulatory information N/A

Section XVI – Other Information

Other comments

N/A = NOT APPLICABLE OR NO INFORMATION

Disclaimer

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