

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (<i>As Used on Label and List</i>) 4.9 Quality Control Check Sample, (1 or 2)	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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Section I

Manufacturer's Name NADP/NTN Central Analytical Laboratory	Emergency Telephone Number (217) 333-7942
Address (<i>Number, Street, City, State, and ZIP Code</i>) Illinois State Water Survey	Telephone Number for Information (217) 244-0868
2204 Griffith Drive	Date Prepared On label
Champaign, IL 61820-7495	Signature of Preparer (<i>optional</i>)

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%(optional)
68.4 x 10⁻⁶ M NaCl (4 x 10⁻³ g NaCl/L H₂O)				
12.17 x 10⁻⁶ N HNO₃ (7.8 x 10⁻⁴ ml concentrated HNO₃/L H₂O)				

Section III - Physical/Chemical Characteristics

Boiling Point	100°C	Specific Gravity (H ₂ O = 1)	1.00
Vapor Pressure (mm Hg.)	24 mm Hg.	Melting Point	0°C
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water Aqueous Solution			
Appearance and Odor Colorless, odorless, liquid			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) Does not burn	Flammable Limits NA	LEL NA	UEL NA
Extinguishing Media NA			
Special Fire Fighting Procedures NA			
Unusual Fire and Explosion Hazards NA			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid)			
Hazardous Decomposition or Byproducts NA			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? NA	Skin? NA	Ingestion? NA
Health Hazards (Acute and Chronic) Solution is so dilute there should be no deleterious effects			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure NONE			
Medical Conditions; Generally Aggravated by Exposure NA			
Emergency and First Aid Procedures Wash with tap water			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Wash excess down drain with running water
Waste Disposal Method Not regulated, sanitary sewer
Precautions to Be taken in Handling and Storing NONE
Other Precautions NA

Section VIII - Control Measures

Respiratory Protection (Specify Type) NA		
Ventilation NA	Local Exhaust	Special
	Mechanical (General)	Other
Protective Gloves NA	Eye Protection Safety glasses are recommended	
Other Protective Clothing or Equipment NA		
Work/Hygienic Practice After handling, wash thoroughly before eating, drinking, or smoking		