

MATERIAL SAFETY DATA SHEETS

Milwaukee Instruments

2471 Hurt Drive

Rocky Mount, NC 27804

252-443-3630 fax 252-443-1937

Effective: 06/01/97

Cat. No. M70442B

Rev. A - Page 1 of 2

For assistance please contact: (508) 699-3075

Fax: (508) 699-3076

Toll Free: (877) 283-7837

SECTION I - PRODUCT IDENTIFICATION

Product Name: 1,500 ppm TDS Standard Solution
Chemical Name: NA
Formula: NaCl in water, NaNO₃ in water, NaHCO₃ in water
Formula Weight: NA
CAS. Number: NA
Chemical Family: Aqueous Solution

SECTION II - INGREDIENTS

Sodium Chloride		
PCT: < 0.5 %	Cas No.: 7647-14-5	SARA: Not listed
TLV: NA		PEL: Not established
Hazard: None		
Sodium Nitrate		
PCT: < 0.5 %	Cas No.: 7631-99-4	SARA: Not listed
TLV: NA		PEL: Not established
Hazard: None		
Sodium Hydrogencarbonate		
PCT: < 0.5 %	Cas No.: 144-55-8	SARA: Not listed
TLV: NA		PEL: Not established
Hazard: None		
Deminerlized Water		
PCT: < 100 %	Cas No.: 7732-18-5	SARA: Not listed
TLV: NA		PEL: Not established
Hazard: NA		

SECTION III - PHYSICAL DATA

State: Liquid	Appearance: Colorless and Clear
Odor: None	Solubility: Water: NA
Other: NA	Acid: NA
Boiling Point: ND	Vapor Pressure (mm Hg): ND
Melting Point: NA	Vapor Density (air = 1): ND
Specific Gravity: 1.0	Evaporation Rate: ND
pH: NA	

Storage Precautions: Store tightly closed in a cool, dry place.

* NA/ND - Defined as not applicable or not defined.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA
NFPA Codes: Health: 0 Flammability: 0 Reactivity: 0
Toxic Gases Produced: None
Fire Extinguishing Media: None

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): NA

Toxicity: LD50 (oral-rat): NA

This product may: cause irritation to eyes. No toxic effects are to be expewcted when handled properly. In case of ingestion of large amounts: nausea, vomiting, methaemoglobinemia, headache, cardiac dysrhythmia.

Acute Toxicity: ND

Route of Exposure: ND

Target Organs: ND

Chronic Toxicity: ND

Routes of Exposure: NA

Target Organs: NA

Cancer Information: NA

Routes of Exposure: NA

Target Organs: NA

Overexposure: NA

Medical conditions aggravated by exposure: None reported.

SECTION VI - PRECAUTIONARY MEASURES

Avoid contact with eyes.

Wash thoroughly after handling

Protective Equipment: Lab grade goggles, rubber gloves and lab coat.

SECTION VII - FIRST AID

CALL FOR MEDICAL ASSISTANCE IMMEDIATELY

If eye contact: Immediately flush eyes with water for 10 minutes. Call physician if irritation persists. Inc case of ingestion, wash out mouth with water and give plenty of water to drink.

If skin contact: NA

Ingestion: NA

Inhalation: NA

SECTION VIII - REACTIVITY DATA

Stability: Stable, see conditions to avoid.

Hazardous Polymeration: None

Conditions to Avoid: None

Incompatibles: None

Decomposition of Products: None

SECTION IX - SPILL AND DISPOSAL PROCEDURES

In Case of Spill or Release: If local regulations permits, mop up with plenty water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposal company.

Disposal Procedure: Dispose of in accorodance with all federal, state, and local regulations.

SECTION X - TRANSPORTATION DATA

Proper Shipping Name: NA

Hazard Class: NA

ID: NA

GROUP: NA

SECTION XI - REFERENCES

- 1) TLV's Threshold Limit Values and Biological Exposure Indices for 1988-1989. American Conference of Governmental Industrial Hygienists, 1988.
- 2) Air contaminants, Federal Register, Vol. 54, No. 12, Thursday, January 19, 1989. pp2332-2983.
- 3) Outside testing
- 4) In-house information
- 5) Technical judgment

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS TO BE OBTAINED FROM THE USE THEREOF.