

# MATERIAL SAFETY DATA SHEETS

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Cat. No. M10032B

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## SECTION I - PRODUCT IDENTIFICATION

Product Name: 1.382 TDS Standard Solution  
Chemical Name: Potassium Chloride, aqueous solution  
Formula: KCl  
Formula Weight: 74.55  
CAS. Number: 7447-40-7  
Chemical Family: Inorganic Salt

## SECTION II - INGREDIENTS

Potassium Chloride	Cas No.: 7447-40-7	SARA: NA
PCT: < 5.0%		PEL: Not established
TLV: Not established		
Hazard: NA		

Water	Cas No.: NA	SARA: NA
PCT: < 100%		PEL: Not established
TLV: Not established		
Hazard: NA		

## SECTION III - PHYSICAL DATA

State: Liquid	Appearance: Clear and Colorless
Odor: None	Solubility: Water: NA
Other: NA	Acid: NA
Boiling Point: > 100 C	Vapor Pressure (mm Hg): NA
Melting Point: NA	Vapor Density (air = 1): NA
Specific Gravity: 1.0	Evaporation Rate: NA
pH: NA	
Storage Precautions: None	

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

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

## SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): NA  
Toxicity: LD50 (oral-rat): NA  
This product : Is Irritating to eyes.

Acute Toxicity: NA  
Route of Exposure: NA  
Target Organs: NA  
Chronic Toxicity: ND  
Routes of Exposure: NA  
Target Organs: ND  
Cancer Information: NA  
Routes of Exposure: NA  
Target Organs: NA  
Overexposure: Irritating to eyes.  
Medical conditions aggravated by exposure: None reported.

#### SECTION VI - PRECAUTIONARY MEASURES

Avoid contact with eyes.  
Wash thoroughly after handling.  
Protective equipment: rubber gloves and safety glasses.

#### SECTION VII - FIRST AID

CALL FOR MEDICAL ASSISTANCE IMMEDIATELY.  
If eye contact: Flush with plenty of water for at least 15 minutes. Get medical help if irritation persists.  
If skin contact: NA  
Ingestion: NA  
Inhalation: NA

#### SECTION VIII - REACTIVITY DATA

Stability: Stable  
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: NA  
Disposal Procedure: NA

#### 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

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