

Safety Data Sheet

Part Number 327553

Section 1. Substance Identity and Company Contact Information

Product Name ASTM D 7365 CN Challenge Matrix **Product Part Number(s)** 327788 and 327789

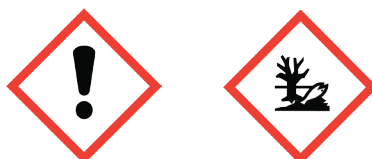
Trade Name **Unit Size** 500 mL

Company OI Analytical, P.O. Box 9010, College Station, TX 77842-9010 Phone: (979) 690-1711, Fax: (979) 690-0440

Emergency No. 1-800-424-9300 (Chemtrec). Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

Section 2. Hazards Identification

Pictogram(s)



Signal Word

Warning

Precautionary Statement(s)

May be toxic to wildlife, all chemicals should be considered hazardous – direct physical contact should be avoided.

Target Organ(s)

No data available

Potential Health Effects

Eye: Flush with copious amounts of water. Remove contaminated clothing. Contact a physician.

Skin: Flush with copious amounts of water. Remove contaminated clothing. Contact a physician.

Ingestion: Contact poison center immediately for recommended procedure. Contact a physician.

Inhalation: Remove to fresh air. Give oxygen, if necessary. Contact a physician.

Chronic Effects/ Carcinogenicity

IARC: Unknown

NTP: Unknown

OSHA: Unknown

Teratology (Birth Defects) Information

Unknown

Reproductive Information

Unknown

NFPA Ratings

Health: Unknown

Flammability: Unknown

Reactivity: Unknown

Special Notice Key: Unknown

HMIS Rating

Health: Unknown

Flammability: Unknown

Reactivity: Unknown

Protective Equipment: Unknown

Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL
Water	7732-18-5	99.7948	No data available	No data available
Methanol	67-56-1	0.1000	200 ppm	200 ppm
Ammonium chloride	12125-02-9	0.0095	No data available	No data available
Potassium nitrate	7757-79-1	0.0180	No data available	No data available
Sodium sulfate	7757-82-6	0.0703	No data available	No data available
Potassium cyanate	590-28-3	0.0048	No data available	No data available
Potassium thiocyanate	333-20-0	0.0025	No data available	No data available

Section 4. First Aid Measures

General Advice	No data available
If Inhaled	No data available
In Case of Skin Contact	No data available
In Case of Eye Contact	No data available
If Swallowed	No data available
Indication of Any Immediate Medical Attention and Special Treatment Needed	No data available

Section 5. Fire-fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full-protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas.
Suitable Extinguishing Media	CO ₂ , extinguishing powder, or water spray. Fight larger fires with water spray or alcohol-resistant foam.
Special Hazards Arising from the Substance or mixture	No data available
Advice for Firefighters	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Further Information	No data available

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures	Use proper personal protective equipment as indicated in Section 8.
Environmental Precautions	No data available
Methods and Materials for Containment and Cleaning	Pick up mechanically.
Reference to Other Sections	For disposal, see Section 13.

Section 7. Handling and Storage

Precautions for Safe Handling	As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin.
Conditions for Safe Storage, Including any Incompatibilities	Keep in a tightly closed container. Store at room temperature (18-25 °C) in a corrosion-proof area.

Section 8. Exposure Controls and Personal Protection

Components with Workplace Control Parameters	No information available
Appropriate Engineering Controls	No data available
Eye/Face Protection	Wear safety glasses or goggles.
Skin Protection	Wear chemical-resistant gloves.
Body Protection	Use an eyewash facility, safety shower, and sink. Wear chemical goggles, face shield, gloves, and chemical-resistant clothing.
Respiratory Protection	Normal room ventilation is adequate.
Control of Environmental Exposure	No data available

Section 9. Physical and Chemical Properties

Appearance	Form: Liquid; Color: Colorless
Odor	No data available
Odor Threshold	No data available
pH	10-12
Melting Point/Freezing Point	No data available
Initial Boiling Point and Boiling Range	100 °C/ 212 °F
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability or Explosive Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Water Solubility	Miscible
Partition Coefficient : n-octanol/water	No data available
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
Other Safety Information	No data available

Section 10. Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable under ordinary conditions of use and storage.
Possibility of Hazardous Reactions	Reacts with strong oxidizing agents
Conditions to Avoid	No data available
Incompatible Materials	No data available

Section 11. Toxicological Information

Routes of Exposure	<i>On the skin:</i>	No irritant effect.
	<i>On the eye:</i>	No irritant effect.
	<i>Inhalation:</i>	May be harmful if swallowed
	<i>Ingestion:</i>	No irritant effect.
Respiratory or Skin Sensitization	No sensitizing effects known.	
Signs and Symptoms of Overexposure	Unknown	
Toxicity Data	<i>Oral Rat</i>	No information available

Section 12. Ecological Information

General Notes	Has moderate acute toxicity to aquatic life.
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Section 13. Disposal Considerations

Product	Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Hand over to hazardous waste disposers.
Contaminated Packaging	Dispose according to official regulations

Section 14. Transport Information

DOT Shipping Name	No data available
UN Proper Shipping Name	No data available
DOT Hazard Class	No data available
Packing Group	No data available
UN Number	No data available
Hazardous Ingredients	No data available
DOT Label	No data available
DOT Placard	No data available

IMDG Shipping Name	No data available
UN Number	No data available
Class	No data available
Packing Group	No data available

IATA Shipping Name	No data available
Technical Shipping Name	No data available
IATA Hazard Class	No data available
UN Number	No data available
Hazardous Ingredients	No data available
IATA Label	No data available
IATA Placard	No data available

Section 15. Regulatory Information

OSHA Status	No data available	
TSCA Status	No data available	
CERCLA Reportable Quantity	No data available	
SARA Title III	Not listed	
RCRA Status	No data available	
California Proposition 65	No data available	
Chemical Weapons Convention	No data available	
TSCA 12 (b)	Unknown	
SARA 311/312	Acute:	No data available
	Chronic:	No data available
	Fire:	No data available
	Pressure:	No data available
	Reactivity:	No data available
Australian Hazchem Code	Unknown	
Poison Schedule	Unknown	
WHMIS	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.	

Section 16. Other Information

Date Prepared: April 14, 2004

Revised: May 14, 2015

For R&D use only. Not for drug, household, or other uses.

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