

Safety Data Sheet

Part Number 325252

Section 1. Substance Identity and Company Contact Information

Product Name	Total Organic Carbon (TOC) Standard	Product Part Number(s)	324546 (1 mg/L), 324547 (10 mg/L), 324548 (25 mg/L), 324549 (50 mg/L), 324550 (100 mg/L), 325226 (250 mg/L), 325227 (500 mg/L), 325228 (1000 mg/L), 169252 (100 mg/L at 10 mL), 313817 (1000 mg/L at 10 mL), and 136954
Trade Name	TOC Standard	Unit Size	250 mL, 10 mL (169252 and 313817)
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

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)	Not a hazardous substance or mixture.	
Pictogram(s)	Not a hazardous substance or mixture.	
Signal Word	None	
Hazard Statement(s)	None	
Precautionary Statement(s)	None	
Emergency Overview	None	
Target Organ(s)	None	
Potential Health Effects	Eye:	None
	Skin:	None
	Ingestion:	None
	Inhalation:	None
Chronic Effects/Carcinogenicity	IARC:	Not available
	NTP:	Not available
	OSHA:	Not available
Teratology (Birth Defects) Information	Not available	
Reproductive Information	Not available	
NFPA Ratings	Health:	0
	Flammability:	0
	Reactivity:	0
	Special Notice Key:	Not available
HMIS Rating	Health:	1
	Flammability:	0
	Reactivity:	0
	Protective Equipment:	None

Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL
Water	7732-18-5	Balance	Not available	Not available
Potassium hydrogen phthalate (KHP)	877-24-7	0.002-2.125	Not available	Not available

Section 4. First Aid Measures

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If Inhaled	Remove to fresh air. If not breathing, give artificial respiration. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	Wash off with soap and copious amounts of water. Remove contaminated clothing. Consult a physician.
In Case of Eye Contact	Flush eyes with copious amounts of water, lifting eyelids occasionally. Contact a physician.
If Swallowed	Contact poison center immediately for recommended procedure. Contact a physician.
Indication of Any Immediate Medical Attention and Special Treatment Needed	No data available

Section 5. Fire-fighting Measures

General Information	No data available
Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Special Hazards Arising from the Substance or mixture	Carbon oxides, potassium oxides
Advice for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Flash Point	No data available
Autoignition Temperature	No data available
Further Information	Not available

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures	Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist, dust, or gas.
Environmental Precautions	Do not let product enter drains.
Methods and Materials for Containment and Cleaning	A leaking bottle, vial, or ampule may be placed in a plastic bag, and follow normal disposal procedures. Take up spilled material with sand or other non-combustible absorbent material, and place in appropriate container for later disposal. Flush spill area with water.
Reference to Other Sections	For disposal, see Section 13.

Section 7. Handling and Storage

Precautions for Safe Handling	Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for Safe Storage, Including any Incompatibilities	Store at room temperature. Keep container tightly closed in a dry and well-ventilated place and store in a corrosion proof area.
Specific End Use(s)	Not available

Section 8. Exposure Controls and Personal Protection

Components with Workplace Control Parameters	Contains no substances with occupational exposure limit values.
Appropriate Engineering Controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.
Eye/Face Protection	Eye protection
Skin Protection	Handle with gloves. Gloves must be inspected before use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Body Protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work place.
Respiratory Protection	Respiratory protection is not required.
Control of Environmental Exposure	Do not let product enter drains.

Section 9. Physical and Chemical Properties

Appearance	Form: Liquid; Color: Colorless
Odor	None
Odor Threshold	No data available
pH	4
Melting Point/Freezing Point	0 °C
Initial Boiling Point and Boiling Range	100 °C
Flash Point	None
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper/Lower Flammability or Explosive Limits	No data available
Vapor Pressure	17.542 mgHg @ 20 °C
Vapor Density	No data available
Relative Density	1.640 g/cm ³
Water Solubility	Soluble
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 recommended storage conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	No data available
Incompatible Materials	Strong oxidizing agents

Section 11. Toxicological Information

Routes of Exposure	<i>On the skin:</i>	No data available
	<i>On the eye:</i>	No data available
	<i>Inhalation:</i>	No data available
	<i>Ingestion:</i>	No data available
Respiratory or Skin Sensitization		No data available
Signs and Symptoms of Overexposure		No data available
Toxicity Data	<i>Oral Rat</i>	> 3,200 mg/kg

Section 12. Ecological Information

General Notes	No data available
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Section 13. Disposal Considerations

Product	Recycle, if possible. Any material which cannot be saved for recovery or recycling should be disposed of at an appropriate and approved waste disposal facility. Processing, use, and/or contamination of this product may change waste management requirements. Observe all applicable federal, state, and local environmental regulations concerning disposal.
Contaminated Packaging	Dispose of as unused product.

Section 14. Transport Information

DOT Shipping Name	Not dangerous goods
UN Proper Shipping Name	Not dangerous goods
DOT Hazard Class	Not available
Packing Group	No information available
UN Number	Not available
Hazardous Ingredients	Not available
DOT Label	Not available
DOT Placard	Not available

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

IATA Shipping Name	No information available
Technical Shipping Name	No information available
IATA Hazard Class	No information available
UN Number	No information available
Hazardous Ingredients	No information available
IATA Label	No information available
IATA Placard	Not available

Section 15. Regulatory Information

OSHA Status	Not available	
TSCA Status	No	
CERCLA Reportable Quantity	Not available	
SARA Title III	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	
RCRA Status	Not available	
California Proposition 65	Not available	
Chemical Weapons Convention	Not available	
TSCA 12 (b)	Not available	
SARA 311/312	Acute:	No
	Chronic:	No
	Fire:	No
	Pressure:	No
	Reactivity:	No
Australian Hazchem Code	Not available	
Poison Schedule	Not available	
WHMIS	This SDS has been prepared according to 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

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