

Safety Data Sheet

Part Number 324051

Section 1. Substance Identity and Company Contact Information

Product Name	Reagent, Gas Diffusion TKN	Product Part Number(s)	A002510, A002513, and A002477
Trade Name	Reagent, Gas Diffusion TKN	Unit Size	1 gram, 5 grams
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	This product is not liable to classification and labeling.	
Hazard Statement(s)	May cause minor irritation on the skin.	
Precautionary Statement(s)	Not relevant	
Emergency Overview	Not relevant	
Target Organ(s)	None	
Potential Health Effects	Eye:	No
	Skin:	Slight irritation
	Ingestion:	No
	Inhalation:	No
Chronic Effects/Carcinogenicity	IARC:	No data available
	NTP:	No data available
	OSHA:	No data available
Teratology (Birth Defects) Information	No data available	
Reproductive Information	No data available	
NFPA Ratings	Health:	1
	Flammability:	1
	Reactivity:	0
	Special Notice Key:	No data available
HMIS Rating	Health:	1
	Flammability:	1
	Reactivity:	0
	Protective Equipment:	Wear appropriate PPE

Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL

Identity is being withheld as a trade secret per OAR437, Division 2, General Occupational Safety & Health Rules (29 CFR 1910).

Section 4. First Aid Measures

General Advice	No data available
If Inhaled	Move injured person into fresh air and keep person calm under observation. If uncomfortable: seek hospital and bring these instructions.
In Case of Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water.
In Case of Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring these instructions.
If Swallowed	Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable seek hospital and bring these instructions.
Indication of Any Immediate Medical Attention and Special Treatment Needed	Not known.

Section 5. Fire-fighting Measures

General Information	No data available
Suitable Extinguishing Media	Use fire-extinguishing media appropriate for surrounding materials. If possible, remove containers exposed to heat or cool with water.
Special Hazards Arising from the Substance or mixture	During fire, health hazardous gases may be formed. Due to the small packaging, the risk of inhaling gases formed in a fire is minimal.
Advice for Firefighters	Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.
Flash Point	No data available
Autoignition Temperature	None known
Further Information	No data available

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures	Avoid inhalation of dust.
Environmental Precautions	Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods and Materials for Containment and Cleaning	Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Flush contaminated area with plenty of water.
Reference to Other Sections	For personal protection, see section 8. For waste disposal, see section 13.

Section 7. Handling and Storage

Precautions for Safe Handling	Avoid inhalation of dust and contact with skin and eyes. Avoid spreading dust. Provide adequate ventilation.
Conditions for Safe Storage, Including any Incompatibilities	No special precautions. Store in closed original container in a dry place. Temperature not critical.
Specific End Use(s)	Analytical chemistry

Section 8. Exposure Controls and Personal Protection

Components with Workplace Control Parameters	Use only in a chemical fume hood.
Appropriate Engineering Controls	Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of dust.
Eye/Face Protection	Risk of contact: Wear goggles/face shield.
Skin Protection	No special precautions.
Body Protection	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Respiratory Protection	During dust-raising work: Use respiratory equipment with particle filter, type P2.
Control of Environmental Exposure	No data available

Section 9. Physical and Chemical Properties

Appearance	Form: Crystals; Color: Blue
Odor	Odorless
Odor Threshold	No data available
pH	~7
Melting Point/Freezing Point	Not relevant
Initial Boiling Point and Boiling Range	Not relevant
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	Partly soluble in water
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	No data available
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	None known
Incompatible Materials	None known

Section 11. Toxicological Information

Routes of Exposure	<i>On the skin:</i>	Prolonged contact may cause dryness of the skin.
	<i>On the eye:</i>	Dust in the eyes will cause irritation.
	<i>Inhalation:</i>	Dust may irritate throat and respiratory system and cause coughing.
	<i>Ingestion:</i>	May irritate and cause malaise.
Respiratory or Skin Sensitization		No data available
Signs and Symptoms of Overexposure		No data available
Toxicity Data	<i>Oral Rat</i>	No data available

Section 12. Ecological Information

General Notes	The ecotoxicity of the product has not been stated. The degradability of the product has not been stated. No data available on bioaccumulation.
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Section 13. Disposal Considerations

Product	Dispose of waste and residues in accordance with local authority requirements.
Contaminated Packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14. Transport Information

DOT Shipping Name	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).
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 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	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	No data available	
RCRA Status	No data available	
California Proposition 65	No data available	
Chemical Weapons Convention	No data available	
TSCA 12 (b)	No data available	
SARA 311/312	Acute:	No
	Chronic:	No
	Fire:	No
	Pressure:	No
	Reactivity:	No
Australian Hazchem Code	No data available	
Poison Schedule	No data 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

Date Prepared: April 14, 2004
Revised: May 14, 2015

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151 Graham Road
PO Box 9010
College Station, Texas
77842-9010
(979) 690-1711
(800) 653-1711 USA/Canada
FAX (979) 690-0440
www.oico.com
E-mail: OI-Mail@xyleminc.com