



**Tianhua Tech Co. Ltd, (China)**

**Add: No.79 Qidong Road, Qilin Street, Jiangning,District, Nanjing City,Jiangsu  
Province, China ,211135**

#### **MATERIAL SAFETY DATA SHEET**

Product Name: Oxygen Indicator

Revision Date: 13-April-2025

Version: V2.0

Standard: GHS 16 Sections / ISO 11014

#### SECTION 1: IDENTIFICATION

##### 1.1 Product Identifier

Product Name: Oxygen Indicator

Common Name: Oxygen Test Indicator Sachet

##### 1.2 Recommended Use

Used for oxygen monitoring inside sealed food, pharmaceutical and electronic packaging.

##### 1.3 Supplier Information

Company Name: Tianhua Tech Co. Ltd

Address: No.79 Qidong Road, Qilin Street, Jiangning,District, Nanjing City, Jiangsu Province,  
China.

Telephone: 1-404-966-7539

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#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1 GHS Classification

Skin Irritation Category 2

Eye Irritation Category 2A

STOT Single Exposure Category 3 (Respiratory Irritation)

##### 2.2 Label Elements

Signal Word: WARNING

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary Statements:

P261 Avoid breathing dust.

P280 Wear protective gloves and eye protection.

P302+P352 Wash skin with plenty of water.

P305+P351+P338 Rinse eyes with water continuously.

### 2.3 Other Hazards

No additional hazards identified under normal use.

### SECTION 3: COMPOSITION INFORMATION

| Ingredient Name        | CAS No.     | Percentage | Hazard Status |
|------------------------|-------------|------------|---------------|
| C16H24ClN3O3S          | 122965-43-9 | 5%         | Non-hazardous |
| (C6H10O5) <sub>n</sub> | 9004-36-8   | 20%        | Non-hazardous |
| Al (OH) 3              | 21645-51-2  | 75%        | Non-hazardous |

### SECTION 4: FIRST AID MEASURES

Inhalation: Move victim to fresh air. Seek medical aid if discomfort occurs.

Skin Contact: Remove contaminated clothing, wash skin thoroughly with running water.

Eye Contact: Flush eyes with plenty of clean water for 15 minutes, seek medical help.

Ingestion: Rinse mouth, do not induce vomiting, drink plenty of warm water.

### SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water mist, dry powder, CO<sub>2</sub>, foam.

Hazardous Combustion Products: Carbon oxides, nitrogen oxides.

Fire Fighter Protection: Wear full protective suit and self-contained breathing apparatus.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear dust mask, gloves and goggles.

Environmental Protection: Prevent entry into drains and natural water.

Clean-up Method: Collect spilled powder into sealed container, clean area with water.

### SECTION 7: HANDLING AND STORAGE

Handling: Avoid dust formation, no eating or smoking during operation.

Storage: Store in cool, dry, dark and ventilated place, sealed tightly.

Storage Temperature: 5°C ~ 30°C

Incompatible Substances: Strong oxidants, strong acids.

### SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

Engineering Control: Maintain good workplace ventilation.

Respiratory Protection: FFP2/N95 dust mask.

Eye Protection: Safety chemical goggles.

Hand Protection: Nitrile protective gloves.

Body Protection: Ordinary work protective clothing.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pink to reddish fine powder / sachet form

Odor: Odorless

pH Value: 6.0 - 8.0

Flammability: Non-flammable

Solubility: Slightly soluble in water

Stability: Stable under normal storage condition

#### SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable under normal temperature and pressure.

Conditions to Avoid: High temperature, direct sunlight, dampness.

Hazardous Decomposition Products: CO, CO<sub>2</sub>, NO<sub>x</sub>.

#### SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Low toxicity, no serious harm in daily use.

Skin Irritation: Slight irritating effect.

Eye Irritation: Mild eye irritation.

Sensitization: No skin sensitization reaction.

#### SECTION 12: ECOLOGICAL INFORMATION

No toxicity to aquatic organisms, easy biodegradable, no obvious environmental damage.

#### SECTION 13: DISPOSAL CONSIDERATIONS

Waste materials can be treated as general solid waste. Discarded packaging shall be recycled properly. Do not discharge randomly.

#### SECTION 14: TRANSPORT INFORMATION

UN Number: Not applicable

Transport Class: Non-dangerous goods

Packing Group: Common commodity package

Transport Note: Keep sealed, avoid moisture and extrusion.

#### SECTION 15: REGULATORY INFORMATION

Compliant with GHS global hazard standards, food contact material regulations and international transportation safety rules.

#### SECTION 16: OTHER INFORMATION

This SDS is issued based on the latest international safety standards, for safety operation reference only. Users shall take full responsibility for improper use.