



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name	Formula PCO-35
	Sachet
REACH Substance Name	Mixture
REACH Registration Number	Mixture
SDS Date	April 2023

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use:	Security Screening Product
Uses Advised Against:	All other uses

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer:	Trace Eye-D 573 Interstate Blvd. Sarasota, FL 34240 USA 941.926.5045
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Email: TRACEYED.COM

1.4 Emergency Telephone Number: 1 (800) 424-9300 for US and Canada (CHEMTREC)
+1(703) 527-3887 for International Calls (call CHEMTREC collect)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

This product consists of a sachet containing 0.01% of methylene blue aqueous solution on a polypropylene/cellulose wipe. There is no free liquid when the pouch is opened for use.

CLP/GHS Classification (1272/2008): Not classified as a hazardous chemical.

Other hazards not contributing to the classification

: Non

2.2 Label Elements:

2.3 Other Hazards: None known.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

This product consists of a sachet containing 0.15 mL of Part A (sulfuric acid solution) as a liquid and 0.15 mL of Part B solution completely absorbed on a polypropylene/cellulose wipe. The following information refers to the solutions.

3.2 Mixture

Chemical Name	CAS Number	% (w/w)	CLP/GHS Classification
water	7732-18-5	99.99%	Not classified
Methylene blue	61-73-4	0.0125%	Acute Tox. 4 Oral), H302 Aquatic Acute 2, H401

The specific chemical identity and/or exact percent is a trade secret. See Section 16 for full text of GHS hazard phrases.

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

First Aid

Eye contact: Immediately flush eyes with water. Get medical attention pain, blinking or redness persists

Skin contact: Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. Launder clothing before reuse.

Inhalation: First aid should not be needed due to very small amount of chemicals present in each sachet. If irritation occurs, remove person to fresh air, allow victim to rest. .

Ingestion: Ingestion is unlikely due to product form. In the case of accidental ingestion, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

See Section 11 for more detailed information on health effects.

4.2 Most important symptoms and effects, both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is recommended in the case of eye contact.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media: Use extinguishing media that is suitable for the fire situation. Sachets are not a fire hazard.

5.2 Special Hazards Arising from the Substance or Mixture

Fire and Explosion Hazards: Sachets do not present a fire or explosive hazard and are non-reactive.

5.3 Advice for Fire-Fighters: Firefighters should exercise caution when fighting any chemical fires., wear appropriate physical protection, and prevent the fire-fighting water from entering the environment. s.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

If sachets are damaged, wear, impervious gloves and protective clothing as needed to prevent skin contact.

6.2 Environmental Precautions:

Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

6.3 Methods and Material for Containment and Cleaning Up:

If sachets are damaged, carefully collect. Absorb liquid with an inert material . Place in a such as clay or diatomaceous earth as soon as possible. Collect spillage and clean spill area thoroughly.

6.4 Reference to Other Sections:

Refer to Section 8 for personal protective equipment.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. provide good ventilation

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Store as indicated on product packaging in a secure location. Protect containers from physical damage. Store in a cool area.

7.3 Specific end use(s):

Industrial uses: None

Professional uses: Security screening product

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters:

Chemical Name	EU IOEL	Member State OEL	US OEL
Methylene Blue	None Established	None Established	None Established
Water	None Established	None Established	None Established

Refer to local or national regulations for exposure limits not listed above.

8.2 Exposure Controls:

Recommended Monitoring Procedures: Contact a qualified industrial hygienist for monitoring if needed.

Appropriate Engineering Controls: No special controls required for normal use.

Personal Protective Measurers

Eye/Face Protection: None required for normal use.

Skin Protection: None required for normal use.

Hands: None required for normal use.

Respiratory Protection: None required for normal use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties – this product consists of a plastic laminate sachet containing Part A liquid and Part B saturated on a polypropylene/cellulose wipe. The information below refers to the liquids.

Appearance: blue liquid	Odor: almost odorless
Odor Threshold: Not established	pH solution: 3-4.5
Melting/Freezing Point: Not established	Boiling Point: Not established
Flash Point: Not established	Evaporation Rate: Not established
Lower Flammability Limit: Not applicable Upper Flammability Limit: Not applicable	Vapor Pressure: Not established
Flammability (gas, solid): Not applicable	
Vapor Density(Air=1): Not established	Relative Density: 1
Solubility: Soluble in water	Octanol/Water Partition Coefficient: Not established
Autoignition Temperature: Not established	Decomposition Temperature: Not established
Viscosity: Not established	Explosive Properties: None
Oxidizing Properties: None	Specific Gravity (H₂O= 1): 1

9.2 Other Information: None known

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: None

10.2 Chemical Stability: Stable.

10.3 Possibility of Hazardous Reactions: Not established.

10.4 Conditions to Avoid: Extreme heat or low temperatures.

10.5 Incompatible Materials: Incompatible with strong oxidizing agents and bases.

10.6 Hazardous Decomposition Products: Nitrogen oxide, Carbon dioxide, carbon monoxide, sulfur compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Likely routes of exposure are skin and eye contact.

Chronic Effects: None known.

Acute Toxicity: Not classified.

Methylene Blue (61-73-4)	
LD 50 oral rat	1180mg/kg (rat)
ATE US (oral)	1180mg/kg body weight
Water (773218-5)	
LD 50 oral rat	>90000mg/kg
ATE US (oral)	90000 mg/kg body weight

Skin corrosion/irritation: Not classified.

Eye damage/ irritation: Not classified.

Respiratory Irritation: Not classified.

Respiratory Sensitization: Not classified.

Skin Sensitization: Not classified.

Germ Cell Mutagenicity: Not classified.

Reproductive Toxicity: Not classified.

Carcinogenicity: Not classified.

Specific Target Organ Toxicity: Not classified.

Aspiration Toxicity: Not classified.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity Component

Methylene Blue	
EC50 Daphnia 1	2.26 mg/l (EC50; 48 h)

LC 50 fish 2	18 mg/l (LC50" 96 h)
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12.2 Persistence and degradability: Not established.

12.3 Bioaccumulative Potential: Not established.

12.4 Mobility in Soil: No data available

12.5 Other Adverse Effects: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated.

SECTION 15. REGULATORY INFORMATION

15. Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

15.1 US regulations

All components of this product are listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

15.2 INTERNATIONAL INVENTORIES

CANADIAN CEPA: All components are listed.

AUSTRALIA: All components are listed.

JAPAN: All components are listed.

KOREA: All components are listed.

CHINA: All components are listed

PHILIPPINES: All components are listed.

NEW ZEALAND: All components are listed.

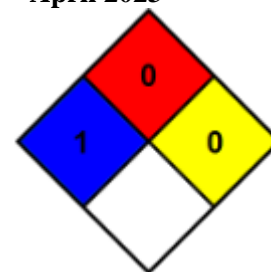
TAIWAN: All components are listed

SECTION 16. OTHER INFORMATION

CLP/GHS Hazard Statements for Reference

H302 Harmful if swallowed.

H401 Toxic to aquatic life.



NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.

Hazard Rating Health : 1 - Slight Hazard - Irritation or minor reversible injury possible

Flammability : 0 - Minimal Hazard - Materials that will not burn

Physical : 0 - Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react.

Non-Explosives.

SDS Revision History: Updated SDS- changes in all sections

Date of preparation: 3 April 2023

Date of last revision: NA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.