

MATERIAL SAFETY DATA SHEET

Revision Number: 1.1
Revision Date: 09-Jan 28

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: Waveguide Cleaning Kit – Solution 2
Catalog Number: 501609
Unit Size: 100 mL

World Precision Instruments, Inc.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : CH₄O
Molecular Weight : 32.04 g/mol

<u>Name</u>	<u>CAS NO.</u>	<u>% Wt</u>
• Methanol	67-56-1	99+%

3. HAZARD DATA

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
• Methanol	200 ppm (TWA)	200 ppm (TWA)

Label Precautionary Statements:

Warning: Flammable

Fire and Explosion Hazards: Extremely flammable. Vapor may travel considerable distances to source of ignition and flash back.

Special Firefighting procedures: In the event of fire, wear self-contained breathing apparatus and protective clothing. Prevent contact with skin and eyes.

Extinguishing data: Carbon dioxide, dry chemical powder or appropriate foam.

Health Hazard Classification: 2

Flammability Class: 3

Physical Hazards: 0

Reactivity Hazard: 0

4. REACTIVITY DATA

Storage stability:

Stable under recommended storage conditions.

Conditions to Avoid:

Heat, flames, and sparks.

Materials to avoid:

Acids, acid chlorides, acid anhydrides, oxidizing agents, reducing agents, and alkali metals

Hazardous decomposition products:

Hazardous decomposition products formed under fire conditions. – Carbon oxides

Hazardous reactions:

Vapours may form explosive mixture with air.

5. PHYSICAL and CHEMICAL DATA

Appearance

Form	Liquid
Colour	colourless

Safety data

Boiling point	64.7 C
Melting point	-98.0 C
Flash point	11.0 C
Explosion limits	Upper 36% Lower 6%
Density	0.791 g/cc
Vapor Pressure (mm Hg):	97.7 at 20 C 410.0 at 50 C
Vapor density (Air = 1)	1.1
Solubility in water	completely miscible
Partition coefficient:	log Pow: -0.77
n-octanol/water	

6. FIRST-AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration
Consult a physician.

In case of skin contact

Wash off with soap and plenty of water Take victim immediately to hospital. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Rinse mouth with water. Consult a physician.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition – No smoking. Take measures to prevent the build up of electrostatic charge.

Storage:

Keep in tightly closed container away from incompatible materials. Keep away from open flames, sparks, or heat. Store in cool place.

8. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

No data available

9. TRANSPORT INFORMATION

DOT (US)

UN-Number: 1230 Class: 3

Packing group (PG): II

Proper shipping name: Methanol

IATA

UN-Number: 1230 Class: 3 (6.1)

Packing group: II

Proper shipping name: Methanol

10. REGULATORY INFORMATION

OSHA Hazards

Flammable liquid, Target Organ Effect, Toxic by inhalation, Toxic by ingestion, Toxic by skin absorption, Irritant

DSL Status

All components of this product are on the Canadian DSL list.

SARA 302 Components

No SARA 302 reporting requirements of SARA Title III, Section 302.

SARA 313 Components

Methanol CAS No. 67-56-1

SARA 313 Hazards

Fire hazard, Acute Health Hazard, Chronic Health Hazard

Massachusetts, Pennsylvania, New Jersey Right to Know Components

Methanol CAS No. 67-56-1

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

OTHER INFORMATION**DISCLAIMER OF LIABILITY**

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. World Precision Instruments, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

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