

SAFETY DATA SHEET

PPM Sperm Presence/Absence

SDS DATE: 10/1/2026

v001

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PPM Quality Control, Training, Competency, or Validation
SYNONYMS:
PRODUCT CODES: AQC113, VAL113

MANUFACTURER: Fertility Solutions Inc.
ADDRESS: 4635 Richmond Rd., Suite 100
Warrensville Hts., OH 44128

EMERGENCY PHONE: 216-491-0030
OTHER CALLS: 216-491-0030
FAX PHONE: 216-491-0032

PRODUCT USE: Laboratory reagent
PREPARED BY: AAR

SECTION 2: HAZARDS IDENTIFICATION

Physical Hazards: Flammable liquids, category 3

Health Hazards:
Serious Eye damage, category 1
Acute Aquatic Toxicity, category 2
Chronic Aquatic Toxicity, category 2



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.
Acute Tox. 5 H303 May be harmful if swallowed.
Acute Tox. 5 H333 May be harmful if inhaled.

HAZARD-DETERMINING COMPONENTS OF LABELING:

formalin

SIGNAL WORD: Danger

RISK PHRASES:

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
40 Limited evidence of a carcinogenic effect.
43 May cause sensitisation by skin contact.

SAFETY PHRASES:

2 Keep out of the reach of children.
36/37 Wear suitable protective clothing and gloves.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.

CLASSIFICATION SYSTEM:

NFPA ratings (scale 0 - 4)
Health = 2
Fire = 0
Reactivity = 0

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HMIS-RATINGS (SCALE 0 - 4)

Health = 2

Fire = 0

Reactivity = 0

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OTHER HAZARDS:

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

DESCRIPTION: Contains stabilized human sperm in a preservative medium. Product contains dilute formalin, sodium bicarbonate. Product may contain polyvinylpyrrolidone.

SECTION 4: FIRST AID MEASURES

EYES: Rinse opened eye for several minutes under running water.

SKIN: Immediately wash with water and soap and rinse thoroughly.

INGESTION: Obtain medical attention.

INHALATION: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: None, routine firefighting apparatus only

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

PROTECTIVE EQUIPMENT: Mouth respiratory protective device.

HAZARDOUS DECOMPOSITION PRODUCTS: To our knowledge will not occur

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Not required.

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter sewers/ surface or ground water.

METHODS AND MATERIAL: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

PROTECTION AGAINST EXPLOSIONS AND FIRES: No special measures required.

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SECTION 7: HANDLING AND STORAGE (cont)

STOREROOMS AND RECEPTACLES: No special requirements.

STORAGE IN ONE COMMON STORAGE FACILITY: Not required.

FURTHER INFORMATION ABOUT STORAGE CONDITIONS: Keep receptacle tightly sealed.

SPECIFIC END USE: No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations are close to the workstation location

RESPIRATORY PROTECTION: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

EYE PROTECTION: Safety glasses

SKIN PROTECTION: Gloves and fluid resistant labcoat recommended.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Pungent odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 9

VAPOR PRESSURE: No information available

VAPOR DENSITY (AIR = 1): No information available

SPECIFIC GRAVITY: 1.0

EVAPORATION RATE: No information available

SOLUBILITY IN WATER: 100%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY (MATERIAL TO AVOID): Should not be stored with strong acids or bases, near heat, flame and sparks.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: To our knowledge will not occur.

HAZARDOUS POLYMERIZATION: To our knowledge will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): None

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SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Inhalation, ingestion, or skin absorption may be harmful. Wear appropriate laboratory safety equipment. Formalin is toxic and may be carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with your institution's waste disposal plan.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION: Not regulated

SECTION 15: REGULATORY INFORMATION

CARCINOGENIC CATEGORIES

EPA (Environmental Protection Agency):	50-00-0 formaldehyde	B1
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TLV (Threshold Limit Value established by ACGIH):	50-00-0 formaldehyde	A2
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NIOSH-Ca (National Institute for Occupational Safety and Health):	50-00-0 formaldehyde
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OSHA-Ca (Occupational Safety & Health Administration):	50-00-0 formaldehyde
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SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Fertility Solutions, Inc.

DISCLAIMER: The above information is believed to be correct, but no claim is made that the information is all inclusive and it should be used only as a guide. Fertility Solutions, Inc. shall not be held liable for any damage resulting from contact with the above product.