Formaldehyde Safety Data Sheet Template

Bartol Kristine

Complete

Score	0 / 0 (0%)	Flagged items	0	Actions	2

Organization Name	Gente's Resting
Prepared by	Bartol Kristine
Location	Los Angeles, CA, USA (34.0549076, -118.242643)

Actions

2 actions

Inspection / SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.2.2 Personal Protective Equipment (PPE)

Eye Protection: Tightly fitting goggles or face shield
Skin: Chemical-resistant gloves (nitrile, butyl rubber) and apron
Respiratory: Organic vapor/particulate respirator (if airborne concentrations are above threshold limits)
Body: Lab coat or chemical-resistant suit

New PPE currently not available yet.

To do | Priority: High | Due: 11 Aug 2025 12:20 PST | Created by: SafetyCulture Staff

Follow up on new PPE

Inspection / SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Include photos or pictograms of PPEs

Photo not available right now as new PPEs are not yet here

To do | Priority: High | Due: 11 Aug 2025 12:21 PST | Created by: SafetyCulture Staff

Take photo of PPE when available

Inspection 2 actions

SECTION 1: IDENTIFICATION

1.1 Product Identifier

Product Name

Formaldehyde solution (formalin), 35-38%

Intended Use Embalming, tissue preservation

Synonyms

Methanal, Formic aldehyde, Methyl aldehyde, Formalin

1.2 Intended Use of the Product

Use of the substance/mixture

Embalming, tissue preservation of dead bodies

1.3 Name, Address, and Telephone of the Responsible Supplier

Contact: Perla Thales
Address: Pink Science Buidling, LA

Contact Number of Supplier

+15056605252

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture (GHS-US Classification)

- Flammable liquid (Category 3)
- Acute toxicity, oral (Category 34)
- Acute toxicity, dermal (Category 3)
- Acute toxicity, inhalation (Category 2)
- Skin corrosion/irritation (Category 1B)
- Serious eye damage/eye irritation (Category 1)
- Skin sensitization (Category 1)
- Germ cell mutagenicity (Category 2)
- Carcinogenicity (Category 1B)
- Specific target organ toxicity, single exposure (Category 1)

2.2 Label Elements (GHS-US Labeling)

Hazard Pictograms (GHS-US)


Photo 1


Photo 2


Photo 3


Photo 4

Signal Word (GHS-US)

Danger

Hazard Statements (GHS-US)

H226: Flammable liquid and vapor
H301: Toxic if swallowed
H311: Toxic in contact with skin
H314: Causes severe skin burns and eye damage
H317: May cause allergic skin reaction
H318: Causes serious eye damage
H330: Fatal if inhaled
H341: Suspected of causing genetic defects
H350: May cause cancer
H370: Causes damage to organs
H402: Harmful to aquatic life

Precautionary Statements (GHS-US)

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P261: Avoid breathing mist, vapors, or spray
P264: Wash hands, forearms, and exposed areas thoroughly after handling
P270: Do not eat, drink, or smoke when using this product
P271: Use only outdoors or in a well-ventilated area
P272: Contaminated work clothing must not be allowed out of the workplace
P280: Wear protective gloves, protective clothing, eye protection, and face protection
P301 + P330 + P312: IF SWALLOWED: Rinse mouth. Call a poison center or doctor if you feel unwell
P302 + P352: IF ON SKIN: Wash with plenty of water
P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing
P308 + P313: IF exposed or concerned: Get medical advice/attention
P310: Immediately call a poison center or doctor
P321: Specific treatment (see supplemental first aid instructions on the label)
P333 + P313: If skin irritation or rash occurs: Get medical advice/attention
P362 + P364: Take off contaminated clothing and wash it before reuse
P403 + P233: Store in a well-ventilated place. Keep container tightly closed
P405: Store locked up
P501: Dispose of contents/container in accordance with local regulations

2.3 Other Hazards

N/A

2.4 Unknown Acute Toxicity (GHS-US)

N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Formaldehyde solution (formalin), 35-38%

Component (include percentage & GHS-US classification)

Chemical component

Chemical component 1

Formaldehyde - 35-38%

Chemical component 2

Methanol (stabilizer) - 10-15%

Chemical component 3

Water - remainder

SECTION 4: FIRST AID MEASURES

4.1 Description of First-aid Measures

For inhalation: Remove person to fresh air. If not breathing, give artificial respiration. Seek immediate medical attention.
For bare skin contact: Remove contaminated clothing. Rinse skin with plenty of water for at least 15 minutes. Get medical attention immediately.
For contact with eyes: Rinse thoroughly with water for at least 15 minutes, lifting upper and lower eyelids. Remove contact lenses if present. Get medical attention immediately.
For ingestion: DO NOT induce vomiting. Rinse mouth with water. Seek immediate medical attention

4.2 Most Important Symptoms and Effects Both Acute and Delayed

- Redness in eyes
- Vomiting
- Skin irritation
- Burns
- Struggle to breathe

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

When there are red eyes, burns, and shortness of breath, call emergency services ASAP.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Alcohol-resistant foam, dry chemical, carbon dioxide, water spray

5.2 Special Hazards Arising From the Substance or Mixture

Formalin emits toxic fumes (formaldehyde, carbon oxides) when heated or burned

5.3 Advice for Firefighters

Must wear self-contained breathing apparatus and full protective gear

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

PPE: Wear chemical-resistant gloves, eye protection, and respirator
Emergency procedures:
1. Evacuate area—ventilate ASAP.
2. Contain spillage by using inert absorbents (e.g., vermiculite). Place waste in labeled chemical waste container.
3. Avoid entry into waterways.

6.1.1 For Non-Emergency Personnel

Same as above

6.1.2 For Emergency Personnel

Same as above

6.2 Environmental Precautions

Be mindful of other flammable items in the area and other chemicals that may mix in the air

6.3 Methods and Materials for Containment and Cleaning Up

- Use the right PPE
- Call for help if alone

6.4 Reference to Other Sections

Section 5, 7

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Use only with adequate ventilation, preferably in a chemical fume hood.
Avoid inhalation, skin, and eye contact.
Keep containers tightly closed in a cool, well-ventilated place away from heat and ignition sources.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store away from acids, oxidizers, and alkaline materials. Also keep away from highly flammable materials.

7.3 Specific End Use(s)

Embalmers

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

2 actions

8.1 Control Parameters

Occupational Exposure Limits (OSHA): TWA: 0.75 ppm, STEL: 2 ppm

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls

Local exhaust ventilation, use PPE, conduct safety and emergency trainings, implement strict SOPs

8.2.2 Personal Protective Equipment (PPE)

Eye Protection: Tightly fitting goggles or face shield
Skin: Chemical-resistant gloves (nitrile, butyl rubber) and apron
Respiratory: Organic vapor/particulate respirator (if airborne concentrations are above threshold limits)
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To do | Priority: High | Due: 11 Aug 2025 12:20 PST | Created by: SafetyCulture Staff

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8.2.3 Materials for Protective Clothing

Gloves: Rubber, neoprene, other similar materials
Body suits: Tychem fabrics, other similar materials
Eye protection: Durable plastic resistant to splashes and fumes

8.2.4 Environmental Exposure Controls

Follow set engineering controls previously mentioned

8.2.5 Other Information

N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Physical State

Liquid

Appearance

Clear, colorless liquid

Odor

Pungent, suffocating

pH

3

Evaporation Rate

About 1

Melting Point

15°C (59°F)

Freezing Point

-92°C (-133°F)

Boiling Point

100-101°C (212-213.8°F)

Flash Point

60°C (140°F) (closed cup)

9.2 Other Information

N/A

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Reacts vigorously with oxidizers, acids, alkaline substances

10.2 Chemical Stability

Stable when stored as directed

10.3 Possibility of Hazardous Reactions

Depends on storage and usage conditions

10.4 Conditions to Avoid

Keep away from ignition sources and heat.
Use in well-ventilated areas or fume hoods.
Use full appropriate PPE.
Store properly and avoid chemical incompatibilities.
Prevent spills and vapor release through careful handling and containment

10.5 Incompatible Materials

Strong acids (HCl, H_2SO_4, HNO_3)
Strong bases (NaOH, KOH)
Oxidizing agents (peroxides, permanganates, chlorates)
Phenol, hydrogen chloride

Iodine, iron, silver, copper
Isocyanates, amines
Anhydrides
Liquid oxygen
Nitrogen oxides
Magnesium carbonate
Nitromethane
Hydrogen peroxide

10.6 Hazardous Decomposition Products

Carbon oxides, formic acid, methanol, toxic formaldehyde gases

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Fatal if inhaled; toxic by dermal and oral exposure
Causes severe burns, eye damage, allergic reactions

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic and terrestrial life
Causes irritation to eyes, skin, respiratory tract
Can cause respiratory distress, allergic reactions
Recognized human carcinogen (nasopharyngeal cancer risk)

12.2 Persistence and Degradability

Not persistent; biodegrades rapidly in soil and water (days)
Decomposes quickly in air via photolysis (hours)
Breaks down into less toxic substances

12.3 Bioaccumulative Potential

Low potential for bioaccumulation
Does not significantly accumulate in aquatic animals

12.4 Mobility in Soil

Highly mobile in soil due to low binding
Volatilizes and reacts quickly, reducing leaching risk

12.5 Other Adverse Effects

Toxic to soil microorganisms and earthworms temporarily
Disrupts soil microbial communities but not soil structure
Environmental releases can impact air quality and biodiversity

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Dispose of in accordance with local, state, and federal environmental regulations. Use licensed waste contractor. Do not pour into drains.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name

Formaldehyde solution

Hazard Class

8 (Corrosive)

Identification Number

UN2209 (Formaldehyde solutions, typically ≥25% formaldehyde)
UN1198 (Formaldehyde solutions, flammable, depending on alcohol content)
UN3334 (Aviation regulated liquid, n.o.s., for 10-25% formaldehyde solutions on air shipments)

Label Codes

Class 8 (Corrosive)
Class 6.1 (Toxic)

Packing Group

Packing Group III (for formaldehyde solutions including full-strength formalin)

SECTION 15: REGULATORY INFORMATION

Relevant Regulations to Comply With

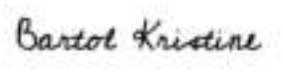
OSHA, IARC, NTP: Formaldehyde is classified as carcinogenic.
SARA 313, California Prop 65: Listed hazard

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Other Information

Always review your institutional and local protocols before use.

Prepared by



Bartol Kristine
4 Aug 2025 12:26 PST

Media summary

Photo 1

Photo 2

Photo 3

Photo 4