

EXPOSURE SCENARIO REPORT

ID#: 5317631  
 Fax: [Redacted]  
 Email: [Redacted]

Assessment Owner: [Redacted]  
 Phone: [Redacted]  
 Date Created: 29/09/2025 11:39:00

Assessment Reviewed: 29/09/2025  
 Material Code: 8592

Next Review: 29/09/2026 11:39:00  
 Tradename: FORMALIN - 10% NEUTRAL BUFFERED  
 Supplier: VARIOUS

Supplier Phone:  
 Keyword: Laboratory Reagent

IMC:  
 Frequency of use: Daily

Approximately how much of the material is used by one person in one working day: depending on the size of specimen

How many people are directly exposed?: >10

Are any other people put at risk from indirect exposure?: No

How are they exposed?: This is being used to preserve tissue samples for analysis in the lab.

Are there any susceptible workers?: No

Susceptible Categories:

Other info:

Is this material being used outside of the normal temperature range?: No

Additional work practices: same as control measure

Existing Control measures: Stored in a lock COSHH cupboard.  
 Staff use PPE ( gloves, mask and eye) when handling.  
 only use in a well ventilated area. Keep the container tightly closed when not in use.  
 - In house training and part of staff induction to new staff.  
 For Spillage:  
 wear PPE, dilute with plenty of water, absorb with liquid binding material, dispose to clinical waste bin and secure adequate ventilation.  
 When in contact with :  
 eyes and skin: immediately wash with soap and water  
 inhalation: fresh air and monitor the staff

Exp Limit: Methanol 266mg/m3 Vap8hTWA 333mg/m3 Vap15mSTEL WEL, Formaldehyde 2.5mg/m3 8hTWA 2.5mg/m3 15mSTEL

Notes: This assessment has been compiled on the premise that the user has considered alternative methods of working under the hierarchy of control in accordance with the COSHH Regulations and/or the Carcinogens Directive and deemed them not practicable. Contains Formaldehyde. May produce an allergic reaction.

Files Uploaded

File Name

Activities

Act No	Method	Area	Exposure
22	Handling	Inside Well Ventilated	Less than 5 minutes per shift
23	Hand applying	Inside Well Ventilated	Less than 5 minutes per shift

Work Area

Work Area Code: BCH THEATRES  
 Sub Area Code:

Redacted

Material/Process

# FORMALIN - 10% NEUTRAL BUFFERED



**HIGH HAZARD**

Supplier: VARIOUS  
Keyword: Laboratory Reagent

Contents: Formaldehyde: 3 - < 5%, Methanol: 1 - < 3%

Signal Word: Danger  
Exp Limit: Methanol 266mg/m3 Vap8hTWA 333mg/m3 Vap15mSTEL  
WEL, Formaldehyde 2.5mg/m3 8hTWA 2.5mg/m3 15mSTEL

Method: Handling Area: Inside Well Ventilated Exposure: Less than 5 minutes per shift

**HIGH ACUTE RISK - FULL EXPOSURE**

**HIGH CHRONIC RISK - FULL EXPOSURE**

Control Measures

**LOW ACUTE RISK - INDIVIDUAL ACTIVITY**

**LOW CHRONIC RISK**



KEEP SKIN COVERED

POLYTHENE OR NITRILE

IF CONTACT LIKELY

WASH AFTER USE



IF SOILED

### Health Hazards

- May cause cancer
- Harmful if swallowed
- May cause an allergic skin reaction
- Suspected of causing genetic defects
- May cause eye irritation

### Considerations



### Spillage

- Ventilate area
- Wear polythene or nitrile gloves
- Wear eye protection if contact likely
- Suitable respiratory protection must be worn
- Wear protective overalls & chemical proof footwear
- Absorb in sand or inert absorbent material
- Small spills - wipe up with cloth
- Collect into a container, close lid
- Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

### First Aid

- In case of allergic reaction/anaphylactic shock call for immediate assistance from trained first aiders
- Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill
- Ingestion - do not induce vomiting, wash out mouth with water
- Ingestion - give plenty of water in sips, obtain immediate medical attention
- Eye - irrigate with water until irritation subsides; if irritation persists then consult a doctor
- Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

### Fire

- Isolated small scale fire:
- Water fog - carbon dioxide - powder - foam - inert material
- Do not use water jet
- Large fire: evacuate area, call fire brigade or follow site procedure
- Wear self-contained breathing apparatus and protective clothing

Date Printed 07/03/2026

FACILITY ACCTSS&SURG

MAIN

BCH THEATRES

SUB

IMC

Material/Process

FORMALIN - 10% NEUTRAL BUFFERED

HIGH HAZARD



Supplier VARIOUS  
Keyword Laboratory Reagent  
Signal Word Danger

Method Handling Area Inside Well Ventilated Exposure Less than 5 minutes per shift

Activity Comments

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

Handling materials unlikely to result in occupational exposure due to physical form or to release contents from sealed containers; minimal contact envisaged. In the event of a spill please refer to spillage section.

Control Measures

LOW ACUTE RISK - INDIVIDUAL ACTIVITY

LOW CHRONIC RISK



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POLYTHENE OR NITRILE

IF CONTACT LIKELY

WASH AFTER USE

IF SOILED

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Keyword Laboratory Reagent

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Exp Limit Methanol 266mg/m3 Vap8hTWA 333mg/m3 Vap15mSTEL  
WEL, Formaldehyde 2.5mg/m3 8hTWA 2.5mg/m3 15mSTEL

Method Hand applying Area Inside Well Ventilated Exposure Less than 5 minutes per shift

**HIGH ACUTE RISK - FULL EXPOSURE**

**HIGH CHRONIC RISK - FULL EXPOSURE**

**HIGH ACUTE RISK - INDIVIDUAL ACTIVITY**

**HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY**

Control Measures



KEEP SKIN COVERED

POLYTHENE OR NITRILE

IF CONTACT LIKELY

AND

LEV OR



EN137 OR 14593/14594

WASH AFTER USE

IF SOILED

CLOSE ALL CONTAINERS

SENSITISER/ACUTE HAZARD

Health Hazards  
May cause cancer  
Harmful if swallowed  
May cause an allergic skin reaction  
Suspected of causing genetic defects  
May cause eye irritation

Considerations



Spillage  
Ventilate area  
Wear polythene or nitrile gloves  
Wear eye protection if contact likely  
Suitable respiratory protection must be worn  
Wear protective overalls & chemical proof footwear  
Absorb in sand or inert absorbent material  
Small spills - wipe up with cloth  
Collect into a container, close lid  
Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid  
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Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill  
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Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

Fire  
Isolated small-scale fire:  
Water fog - carbon dioxide - powder - foam - inert material  
Do not use water jet  
Large fire: evacuate area, call fire brigade or follow site procedure  
Wear self-contained breathing apparatus and protective clothing

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Signal Word Danger

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HIGH CHRONIC RISK - FULL EXPOSURE

Control Measures

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



KEEP SKIN COVERED

POLYTHENE OR NITRILE

IF CONTACT LIKELY

AND

LEV OR

EN137 OR 14593/14594

WASH AFTER USE

IF SOILED



CLOSE ALL CONTAINERS



SENSITISER/ACUTE HAZARD

Health Hazards

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- Suspected of causing genetic defects
- May cause eye irritation

Date Printed 07/01/2026

**CONTROL SHEET****REQUEST DETAILS**

#ID: 5317631

User making request

**MATERIAL DETAILS**

Material Code: 8592

**HIGH UNCONTROLLED ACUTE RISK**

## Tradename:

FORMALIN - 10% NEUTRAL BUFFERED

**HIGH UNCONTROLLED CHRONIC RISK****LOW CONTROLLED ACUTE/CHRONIC RISK**

## IMC

Supplier

VARIOUS

**ACTIVITY DETAILS**

Act No	Method	Area	Exposure
22	Handling	Inside Well Ventilated	Less than 5 minutes per shift
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**SCENARIO DETAILS**

Additional work practices: same as control measure

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Are any other people put at risk from indirect exposure?: No

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Are there any susceptible workers?: No

Susceptible Categories:

Next Review: 29/09/2026

Work Area Code

BCH THEATRES

Sub Area Code

**Other Information**

This assessment has been compiled on the premise that the user has considered alternative methods of working under the hierarchy of control in accordance with the COSHH Regulations and/or the Carcinogens Directive and deemed them not practicable. Contains Formaldehyde. May produce an allergic reaction.

**Considerations**

Answer

A Control Sheet has not been completed for the selected exposure scenario