

ID#: 5147343

Fax:

Email: [Redacted]

Assessment Reviewed 06/01/2026

Material Code: 282788

Supplier Phone:

Keyword Disinfectant

Approximately how much of the material is used by one person in one working day: 100

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

Are there any susceptible workers?: Yes

Other info:

Additional work practices: Staff in theatre handling specimens for histopathology at risk. Staff should opt for a size appropriate container and handle with care.

Existing Control measures: Staff should always use appropriate sized container for specimen and use as per manufactures instructions. Staff handling formalin must wear protective clothing, gloves, mask and eye protection in case of risk of spill. Wash hands thoroughly after removal of gloves. Only trained staff should handle formalin. Staff with skin issues should not handle formalin. Ensure that formalin containers are tightly closed and in a well ventilated locked cupboard. Formalin should only be used in well ventilated areas. External company to handle disposal. Incase of spillage dilute with plenty of water, absorb with an inert material and place in clinical waste bag. Do not allow into drains.

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. Classification is based on the contents stated in the suppliers safety data sheet rather than on the suppliers classification

Files Uploaded

File Name

Activities

Act No	Method	Area	Exposure
19	Immersing	Inside Well Ventilated	Up to 1/2 hour per shift

Work Area

Work Area Code TRAUMA AND ORTHOPAED

Sub Area Code MPH THEATRES

Assessment Owner:

Phone:

Date Created: 06/02/2025 09:36:00

Next Review 06/01/2029 17:47:00

Tradename: BUFFERED FORMALDEHYDE SOLUTION

Supplier [Redacted]

IMC:

Frequency of use: Weekly

How many people are directly exposed?: 6-10

How are they exposed?: Risk of inhalation now minimised as department uses sealed closed system Secur Biop histology pots, spillage and release. Skin exposure, ingestion, and contact with eyes should containers become damaged  
Susceptible Categories: Pregnant

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



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Material/Process

BUFFERED FORMALDEHYDE SOLUTION



Health Hazards

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

Considerations



Supplier

[Redacted]

Keyword

Disinfectant

Contents

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

Signal Word

Danger

Exp Limit

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

Method Immersing

Area Inside Well Ventilated

Exposure

Up to 1/2 hour per shift

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

MEDIUM ACUTE RISK - FULL EXPOSURE

MEDIUM CHRONIC RISK - FULL EXPOSURE

Control Measures

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK



IMPERVIOUS OVERALLS

POLYTHENE OR NITRILE

IF CONTACT POSSIBLE

AND

LEV OR



FORMALDEHYDE-A1 FILTER

WASH AFTER USE

IF SOILED

CLOSE ALL CONTAINERS

SENSITISER/ACUTE HAZARD

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

Material/Process

**BUFFERED FORMALDEHYDE SOLUTION**



Supplier [Redacted]  
Keyword Disinfectant  
Signal Word Danger

Method Immersing Area Inside Well Ventilated Exposure Up to 1/2 hour per shift Activity Comments

**MEDIUM ACUTE RISK - FULL EXPOSURE**

**MEDIUM CHRONIC RISK - FULL EXPOSURE**

Control Measures

**MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY**

**MEDIUM CHRONIC RISK**



IMPERVIOUS OVERALLS

POLYTHENE OR NITRILE

IF CONTACT POSSIBLE

AND

LEV OR

FORMALDEHYDE-A1 FILTER

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

Date Printed 14/01/2026

**CONTROL SHEET**



<b>REQUEST DETAILS</b>	#ID:	5147343	User making request	[REDACTED]
<b>MATERIAL DETAILS</b>	Material Code:	282788	<b>MEDIUM UNCONTROLLED ACUTE RISK</b>	
Tradename:	BUFFERED FORMALDEHYDE SOLUTION	<b>MEDIUM UNCONTROLLED CHRONIC RISK</b>		
		<b>LOW CONTROLLED ACUTE/CHRONIC RISK</b>		
IMC	Supplier	[REDACTED]		

<b>ACTIVITY DETAILS</b>				
Act No	Method	Area	Exposure	
19	Immersing	Inside Well Ventilated	Up to 1/2 hour per shift	

<b>SCENARIO DETAILS</b>				
<b>Additional work practices:</b>		Staff in theatre handling specimens for histopathology at risk. Staff should opt for a size appropriate container and handle with care.		
Approximately how much of the material is used by one person in one working day:	100	Frequency of use:	Weekly	How many people are directly exposed?: 6-10
Are any other people put at risk from indirect exposure?:	No	Risk of inhalation now minimised as department uses sealed closed system Secur Biop histology pots, spillage and release. Skin exposure, ingestion, and contact with eyes should containers become damaged		
Are there any susceptible workers?:	Yes	<b>Susceptible Categories:</b> Pregnant		
Next Review	06/01/2029			

<b>Work Area Code</b>	<b>Sub Area Code</b>
TRAUMA AND ORTHOPAED	MPH THEATRES

**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.

<b>Considerations</b>		<b>Answer</b>
	Has the elimination or substitution of this material been considered?	Yes
	Are appropriate organisational control measures to minimise hazardous exposure undertaken?	Yes



Have you implemented the use of the engineering controls before resorting to the use of RPE?

Yes



Have users been informed, instructed and trained in the use of the relevant risk control measures?

Yes



Are all personnel provided with necessary RPE, suitably trained in its correct use, maintenance, and storage and been fit tested where required?

Yes



Are procedures to ensure the maintenance of controls in place?

Yes



Are procedures to conduct exposure monitoring in place?

Yes



Are procedures to undertake skin checks in place?

Yes



Are specific records for inspection of control measures, exposure monitoring and/or health surveillance suitably maintained?

Yes



Have users been informed, instructed and trained in the specific hazards for this material?

Yes



Are local area evacuation procedures in place in the event of a significant spillage of this product?

Yes



Have all actions to be taken in the event of an emergency been considered?

Yes



Are First Aiders trained in the specific First Aid requirements for this material?

Yes

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