ID#:	1961765	**Assessment Owner:**	Clive Owen
Fax:	01189794328	**Phone:**	07712556825
Email:	clive@a1groupuk.com	**Date Created:**	25/07/2013 14:48:00
Assessment Reviewed	15/06/2026	**Next Review**	15/06/2029 13:24:00
Material Code:	173760	**Tradename:**	CHANNEL CUBES
		Supplier	SAFECHEM LIMITED
Supplier Phone:	0191 4108668	**IMC:**	
Keyword	Toilet Block	**Frequency of use:**	Daily
Approximately how much of the material is used by one person in one working day:	5-10 litres	**How many people are directly exposed?:**	2-5
Are any other people put at risk from indirect exposure?:	No	**How are they exposed?:**	
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:

Existing Control measures:

Exp Limit 1,4-dichlorobenzene 12mg/m3 8hTWA 60mg/m3 15mSTEL

Notes Classification based upon contents stated within supplier's safety data sheet rather than upon suppliers classification

Files Uploaded

File Name

5efcc07f-9dcc-4c71-9a8a-8ad5142ba446.pdf

Activities

Act No	Method	Area	Exposure
2	Pouring	Outside	1/2 to 2 hours per shift

Work Area

Work Area Code	Sub Area Code
LH	

Safer Substitute Chosen **Reason for leaving/swapping material**

FACILITY A1 GROUP **MAIN** LH **SUB** **IMC** 173760

Material/Process

CHANNEL CUBES

MEDIUM HAZARD

SOLID

Supplier SAFECHEM LIMITED

Keyword Toilet Block

Contents

1,4-dichlorobenzene: 20-50%

Signal Word Warning

Exp Limit 1,4-dichlorobenzene 12mg/m3 8hTWA 60mg/m3 15mSTEL

Health Hazards

Causes serious eye irritation
Suspected of causing cancer
Very toxic to aquatic life
May cause long lasting harmful effects to aquatic life
May cause ill health if ingested in quantity
Skin - irritation and dermatitis may result from prolonged contact
When using do not eat, drink or smoke

Considerations

Method Pouring **Area** Outside **Exposure** 1/2 to 2 hours per shift

MEDIUM ACUTE RISK - FULL EXPOSURE	MEDIUM CHRONIC RISK - FULL EXPOSURE
MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY	MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY

Control Measures

KEEP SKIN COVERED | NITRILE | AND | PORTABLE OR | FILTER TYPE P2

WASH AFTER CONTACT | IF HEAVILY SOILED | VACUUM UP DUSTS | AFTER USE | ACUTE HAZARD

Spillage

Ventilate area
Do not allow uncontrolled spillages to enter mains drain/sewers/water courses
Contact water services co. and ea if watercourses are contaminated
Wear nitrile gloves
Wear eye protection (bs en166)
Wear RPE with particulate filter p if significant dust generated
Wear protective clothing if whole container is spilt
Do not dry sweep - either suppress dust or clear using hepa vacuum
Collect into a container, close lid
Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

First Aid

Inhalation - remove to fresh air and rest
After a significant exposure or if feeling unwell call for medical assistance immediately
Ingestion - do not induce vomiting
Ingestion - give plenty of water in sips
If feeling unwell consult your doctor immediately
Eye - irrigate with water for at least 15 minutes
Skin - wash with soap/cleanser and rinse with water
If irritation persists then consult a doctor

Fire

Isolated small scale fire:
Powder - foam - carbon dioxide (CO2)
Large fire: evacuate area, call fire brigade or follow site procedure
Wear self-contained breathing apparatus and protective clothing
Toxic fumes are produced when material is involved in a fire
Avoid contamination of watercourses by firefighting run-off
Contact water services co. and ea if watercourses are contaminated

Sypol
Part of EcoOnline Global

Activity Comments

Use RPE as interim pending monitoring or for one-off tasks. If LEV used, monitor to verify it controls to below the OEL

This assessment was compiled by EcoOnline Sypol Limited from supplier's safety data sheets where appropriate. Safety in the use of assessments is the responsibility of the subscriber. For advice call the helpdesk on 01296 678464

Date Printed 15/06/2026

Wokingham A1 group

FACILITY A1 GROUP **MAIN** LH **SUB** **IMC** 173760

Material/Process

CHANNEL CUBES

Supplier SAFECHEM LIMITED
Keyword Toilet Block
Signal Word Warning

MEDIUM HAZARD

SOLID

Method Pouring **Area** Outside **Exposure** 1/2 to 2 hours per shift

MEDIUM ACUTE RISK - FULL EXPOSURE	MEDIUM CHRONIC RISK - FULL EXPOSURE
MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY	MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY

Activity Comments

Use RPE as interim pending monitoring or for one-off tasks. If LEV used, monitor to verify it controls to below the OEL

Control Measures

KEEP SKIN COVERED | NITRILE | AND | PORTABLE OR | FILTER TYPE P2 | WASH AFTER CONTACT | IF HEAVILY SOILED | VACUUM UP DUSTS

AFTER USE | ACUTE HAZARD

Health Hazards

Causes serious eye irritation
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May cause long lasting harmful effects to aquatic life
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Date Printed 15/06/2026

REQUEST DETAILS #ID: 1961765 User making request: Clive Owen

MATERIAL DETAILS Material Code: 173760

Tradename: CHANNEL CUBES

MEDIUM UNCONTROLLED ACUTE RISK

MEDIUM UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC Supplier: SAFECHEM LIMITED

ACTIVITY DETAILS

Act No	Method	Area	Exposure
2	Pouring	Outside	1/2 to 2 hours per shift

SCENARIO DETAILS

Additional work practices:

Approximately how much of the material is used by one person in one working day: 5-10 litres

Frequency of use: Daily

How many people are directly exposed?: 2-5

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

Are there any susceptible workers?: No

Susceptible Categories:

Next Review: 15/06/2029

Work Area Code

LH

Sub Area Code

Other Information

Classification based upon contents stated within supplier's safety data sheet rather than upon suppliers classification

Considerations	Answer
Has the elimination or substitution of this material been considered?	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 specific records for inspection of control measures, exposure monitoring and/or health surveillance suitably maintained?	Yes
	Have all actions to be taken in the event of an emergency been considered?	Yes

SAFETY DATA SHEET

CHANNEL CUBES

Issued: 29/10/09

Revision No: 4

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: CHANNEL CUBES

Company name: Safechem Limited
Drum House
Drum Industrial Estate
Birtley
Durham
DH2 1SR
Tel: 0191 4108668
Fax: 0191 4102934
Email: www.safechem.co.uk

2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes. May cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: 1,4-DICHLOROBENZENE 20-50%
EINECS: 203-400-5 CAS: 106-46-7
[Xi] R36; [Xn] R40; [N] R50/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Exposure may cause coughing or wheezing.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash off with soap and water Seek medical advice if any discomfort persists

Eye contact: Bathe the eye with running water for 15 minutes. Seek medical advice if symtoms persist

Ingestion: Do not induce vomiting. Wash out mouth with water. Transfer to hospital as soon as possible.

Inhalation: Remove to fresh air Seek medical attention if recovery is not rapid or complete.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

[cont...]

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: 1,4-DICHLOROBENZENE

WEL (8 hr TWA): 153 mg/m3 WEL (15 min STEL): 306 mg/m3

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Do not breathe vapour,or spray

Hand protection: Protective gloves.

Skin protection: Avoid skin contact

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Solid

Odour: Characteristic odour

Solubility in water: Insoluble

Boiling point/range°C: 172

Flash point°C: 65

Relative density: 1.45

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: 1,4-DICHLOROBENZENE

ORL MUS LD50 2950 mg/kg

ORL RAT LD50 500 mg/kg

SKN RAT LD50 >6 gm/kg

12. ECOLOGICAL INFORMATION

Mobility: Heavier than water.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Slightly bioaccumulable.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

14. TRANSPORT INFORMATION

ADR / RID

UN no: 3077 **ADR Class:** 9

Shipping name: (1,4-DICHLOROBENZENE)

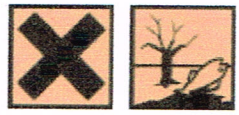
IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Dangerous for the environment.



Risk phrases: R36: Irritating to eyes.

R53: May cause long-term adverse effects in the aquatic environment.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

S2: Keep out of the reach of children.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Haz. ingredients (label): 1,4-DICHLOROBENZENE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: The phrases below refer to the raw materials used in the formulation, not the finished product.

Risk phrases used in s.3: R36: Irritating to eyes.

R40: Limited evidence of a carcinogenic effect.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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