

ID#:	3407295	Assessment Owner:	Clive Owen
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Date Assessment Reviewed	23/02/2023	Next Review Date:	23/02/2024 11:54:00
Material Code:	291788	Tradename:	SAFESHIELD 50 (DILUTED SOLUTION 0.5%)
Supplier Phone:		Supplier	IN HOUSE PREPARATION
Keyword	Solution	IMC:	
Approximately how much of the material is used by one person in one working day:	5 litres	Frequency of use:	Daily
Are any other people put at risk from indirect exposure?:	No	How many people are directly exposed?:	1
Are there any susceptible workers?:	No	How are they exposed?:	washing portable toilets
Other info:		Susceptible Categories:	
Additional work practices:		Is this material being used outside of the normal temperature range?:	No

Additional work practices:

Existing Control measures: goggles

Exp Limit

Notes Assessment covers the use of the concentrated product diluted to 0.5% or less concentration.

Files Uploaded**File Name****Activities**

Act No	Method	Area	Exposure
1	Spraying (Pressurised/Gun)	Outside	Up to 1/2 hour per shift

Work Area

Work Area Code LH **Sub Area Code**

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

Material/Process
SAFESHIELD 50 (DILUTED SOLUTION 0.5%)



Health Hazards
 May cause ill health if ingested in quantity
 Skin - irritation and dermatitis may result from prolonged contact
 May cause eye irritation

Considerations



LOW HAZARD

LIQUID

Supplier IN HOUSE PREPARATION
Keyword Solution

Contents
 Alkyl(C9-11) alcohol, ethoxylated: < 0.005%, Benzalkonium chloride: < 0.005%

Signal Word
Exp Limit

Method	Spraying (Pressurised/Gun)	Area	Outside	Exposure	Up to 1/2 hour per shift
HIGH ACUTE RISK - FULL EXPOSURE			HIGH CHRONIC RISK - FULL EXPOSURE		

Control Measures	HIGH ACUTE RISK - INDIVIDUAL ACTIVITY			HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY		
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LEV AND	KEEP SKIN COVERED	POLYTHENE OR NITRILE	PROTECTIVE FOOTWEAR	BS EN166	AND
	FILTER TYPE P2	WASH AFTER EXPOSURE	IF HEAVILY SOILED	CLOSE ALL CONTAINERS	CONTROLLED STORE /WASTE

Spillage
 Ventilate area
 Wear polythene or nitrile gloves
 Wear eye protection if contact likely
 Wear respiratory protection for large spills in poorly ventilated areas
 Wear protective overalls and footwear for large spillages
 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
 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
 If feeling unwell consult your doctor immediately
 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



Activity Comments

Date Printed 23/02/2023



Material/Process

SAFESHIELD 50 (DILUTED SOLUTION 0.5%)

LOW HAZARD
LIQUID



Supplier IN HOUSE PREPARATION
Keyword Solution
Signal Word

Method Spraying (Pressurised/Gun) Area Outside Exposure Up to 1/2 hour per shift Activity Comments

HIGH ACUTE RISK - FULL EXPOSURE HIGH CHRONIC RISK - FULL EXPOSURE

Control Measures HIGH ACUTE RISK - INDIVIDUAL ACTIVITY HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



KEEP SKIN COVERED

POLYTHENE OR NITRILE

PROTECTIVE FOOTWEAR

BS EN166

AND

LEV AND

FILTER TYPE P2

WASH AFTER EXPOSURE



IF HEAVILY SOILED

CLOSE ALL CONTAINERS

CONTROLLED STORE /WASTE

Health Hazards

May cause ill health if ingested in quantity
Skin - irritation and dermatitis may result from prolonged contact
May cause eye irritation



This assessment was compiled by Alcumus 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 23/02/2023



REQUEST DETAILS #ID: 3407295 **User making request** Clive Owen

MATERIAL DETAILS **Material Code:** 291788

Tradename: SAFESHIELD 50 (DILUTED SOLUTION 0.5%)

HIGH UNCONTROLLED ACUTE RISK

HIGH UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

IMC **Supplier**

IN HOUSE PREPARATION

ACTIVITY DETAILS

Act No	Method	Area	Exposure
1	Spraying (Pressurised/Gun)	Outside	Up to 1/2 hour per shift

SCENARIO DETAILS **Additional work practices:**

Approximately how much of the material is used by one person in one working day: 5 litres **Frequency of use:** Daily **How many people are directly exposed?:** 1

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

Are there any susceptible workers?: No **Susceptible Categories:**

Work Area Code **Sub Area Code**

LH

Other Information

Assessment covers the use of the concentrated product diluted to 0.5% or less concentration.

Considerations

Answer



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

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

Yes



SAFETY DATA SHEET

SAFESHIELD 50

Page: 1

Compilation date: 10/03/2016

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SAFESHIELD 50

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Cleaner/Sanitiser Mixture of soaps, anionic & nonionic surface active agents, perfume, and bactericidal agent.

1.3. Details of the supplier of the safety data sheet

Company name: Safechem Limited

Drum House

Drum Industrial Estate

Birtley

Durham

DH2 1SR

Tel: 0191 4108668

Fax: 0191 4102934

Email: www.safechem.co.uk

1.4. Emergency telephone number

Emergency tel: 01914108668

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H319: Causes serious eye irritation.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



Precautionary statements: P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/.

[cont...]

SAFETY DATA SHEET

SAFESHIELD 50

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P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see instructions on this label).

P332+313: If skin irritation occurs: Get medical attention.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ANIONIC/NONIONIC SURFACTANT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Skin Corr. 1A: H314; Eye Dam. 1: H318	<1%

BENZALKONIUM CHLORIDE

-	-	-	-	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash off with water. Contaminated clothes should be laundered before reuse.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: No significant hazard

4.2. Most important symptoms and effects, both acute and delayed

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

SAFETY DATA SHEET

SAFESHIELD 50

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5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

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

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Do not breathe vapour, or spray

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

[cont...]

SAFETY DATA SHEET

SAFESHIELD 50

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Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pink

Odour: Pleasant

Solubility in water: Soluble

Flash point°C: Not applicable.

Relative density: 1.01

pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

[cont...]

SAFETY DATA SHEET

SAFESHIELD 50

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Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

[cont...]

SAFETY DATA SHEET

SAFESHIELD 50

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Section 16: Other information

Other information

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

Phrases used in s.2 and s.3: H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

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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