

General Assessment Details

Assessor	Keith Carver
Assessment Date	29/07/2025
Assigned Reviewer	Keith Carver
Next Review Date	01/08/2027
Internal Reference	COSHH012 RA BioHygiene Heavy duty floor cleaner

Assessment Title	BioHygiene Heavy duty floor cleaner
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Associated to specific area

 ABM UK Facilities

Chelsea Football Club

All

Essentials Category

C

Substance Hazard Information



Description of work area and/or activity assessed

BioHygiene Heavy Duty Floor Cleaner is a powerful and versatile water-based alkali cleaner that contains a heavy duty, quick breaking, multi-surfactant system to provide wetting, penetrating, soil cutting and anti-redepositing action quickly emulsifying and lifting soils, dirt and grease from hard surfaces.

Overall Current Risk

Low



Persons Affected

 Cleaners

 Contractors

 Customer / Client

 Employees

 Lone Workers

 Members of the Public

 Office Staff

 Other Service Providers

 Trainees / Young Persons

 Visitors

Assessment Of Risk

Are hazards to health adequately controlled with all the above control measures in place?

Yes

Additional Notes / Summary

ABM staff will follow this assessment and those associated with it.

Current Likelihood of Harm

Unlikely

Current Severity of Harm

Moderate

Substance Information

Substance Name	Usage Information	Signal Word	SDS Date	Category
BioHygiene Heavy duty floor cleaner and degrease Substance Form: Not Specified	Usage: Dilute at 1:50 for use in spray bottles and 1:50-1:150 buckets and pressure washers use as arequired.	Danger	15/07/2019	C
Hazard Labeling				
				
List ingredients or components with an exposure limit identified	Exposure Limit (Long-term / Short-term)			
TETRASODIUM ETHYLENE DIAMINE TETRAACETATE	None Specified			
ALCOHOLS C9-C11 ETHOXYLATED	None Specified			
SODIUM METASILICATE PENTAHYDRATE	None Specified			

The highest substance hazard group found is : **C**

A	B	C	D	E
Least hazardous substances		more hazardous substances		Special cases

Warning

A chemical you have identified in this process has been given the high hazard group of **C**. Before carrying on you may want to consider using a less harmful chemical.

1. Please speak to your supplier to see if there is another chemical you can use which will do the job satisfactorily.
2. You may want to use the chemical in a less harmful form, e.g. use pellets instead of powder.
3. You may also want to think about changing the process, for example using less of the chemical or a lower process temperature.

☰ Process Control

Can a less hazardous substance(s) be used to do the same job?

No



What controls are required for this substance(s) other than Personal Protective Equipment

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

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

☰ PPE (Personal Protective Equipment) Required



Eye Protection

Tightly fitting safety goggles.



Hand Protection

Nitrile gloves.



Overalls / Clothing



Mask / Respirator

Respiratory protection not required. Use in a well ventilated area.

☰ Storage, Spillage, Disposal and Transport



How should the substance(s) be disposed of?

No data available

Have persons undertaking this process been provided with information or training?

Yes



How should the substance(s) be stored?

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

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



How should accidental release/spillage of this substance(s) be dealt with

Do not attempt to take action without suitable protective clothing - Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Do not discharge into drains or rivers.



Transport Information

Not Specified

Emergency First-Aid Procedures



Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so.



Skin Contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.



Eye Contact

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



Injection

Ingestion

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Fire Safety



Is there any other substance that this substance(s) must not come into contact with?

In combustion emits toxic fumes



What actions should be taken in the event of a fire involving the substance(s)?

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

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

Could the release of vapour/gas/dust produce an explosive atmosphere

No

Is the flashpoint below 32°C for any of the substances identified

No

Health / Medical Surveillance



If required, what health surveillance is undertaken in the use of these substance(s)?

None required under normal use and quantity that held