

COSHH Risk Assessment

Microsan

Date of assessment	09/08/2025
Site	Spotless Client Sites - Commercial and Domestic
Assessor	PH
Substance name	Microsan
Quantity normally stored	1 to 2 x 5L bottles <i>Important: Make sure that if it is decanted into another container, that the other container is suitable for use and is correctly labelled.</i>
Task/Use	Used as a pre spray to disinfect carpets and upholstery before being removed by hot water extraction machine
Copy of the MSDS provided?	Yes
Is there a significant risk from the substance?	Yes
If Yes, what is the level of risk before control measures?	Medium
What are the significant risks?	
<p>Hazard Statements:</p> <p>Skin Irrit. 2 - H315 Eye Dam. 1 - H318</p> <p>Aquatic Chronic 3 - H412</p> <p>Causes serious eye damage. Causes skin irritation. Excessive inhalation of spray, mist or vapour may cause temporary respiratory irritation. Ingestion may cause: systemic effects The product irritates mucous membranes and may cause abdominal discomfort if swallowed.</p> <p>P102 Keep out of reach of children. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P501 Dispose of contents / container in accordance with local / regional / national / international regulations.</p> <p>The product is expected to be biodegradable. The product contains a substance which is Very toxic to aquatic life with long lasting effects.</p>	
Can the substance be eliminated or replaced with a safer alternative?	No
If the substance cannot be replaced, is there a safe method for using it?	Yes

If **YES**, please explain how the substance must be used safely. Make sure you have controls for all of the risks identified above.

NOTE THAT THE CONCENTRATED CHEMICAL IS FAR MORE HAZARDOUS THAN THE DILUTED, READY TO USE MIXTURE.

- Gloves and goggles to be worn when dispensing/applying concentrate
- Chemical must only be used only in the diluted form – in mop buckets, scrubber driers or trigger sprays
- Gloves to be worn at all times during cleaning to prevent skin irritation
- Goggles to be worn when spray cleaning surfaces
- Always wash hands thoroughly after handling/cleaning, even if gloves have been worn
- Wear masks in poorly ventilated areas or confined spaces

Remember: personal protective equipment (PPE) should be the last control method as it is the most likely to fail.

Are there any foreseeable situations where or when the substance should not be used?

No

If **Yes**, state where or when the substance should not be used?

Where is the substance to be stored?

Technicians van and/or COSHH cupboard at the office when not in use

How should the substance be stored?

- Out of the reach of children or pets
- Chemical must be stored safely, low level for 5L bottles and always in the upright position with lid securely in place
- Must be stored at room temperature, do not allow to freeze
- Do not eat, smoke or drink when using the product

Are there any control measures required for dealing with spillages?

Yes

If **Yes**, identify the control measures required.

- Avoid release into the environment
- Do not release undiluted chemical into a drain
- Spillages or uncontrolled discharges into watercourses must be alerted to the Environment Agency
- Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Are there any specific first aid measures that need to be identified from the MSDS?

e.g. if there is a need to irrigate the eyes for 15 minutes, is there a need to provide equipment so that it is possible to run water for that length of time?

- IF INHALED: Move affected person to fresh air at once. Get medical attention if any discomfort continues.
- IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. After contact with skin, wash immediately with plenty of water. Get medical attention immediately. Wash contaminated clothing before reuse.
- IF SWALLOWED: Drink a few glasses of water or milk. Rinse mouth thoroughly with water. Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.
- IF IN EYES: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention.

Identify any other issues if appropriate.

Have you identified anything in this risk assessment that may need to be linked to other risk assessments?
e.g. flammable substances linked to fire risk assessment, mutagenic properties with the potential to cause damage to a foetus linked to pregnant worker risk assessments, irritants that may affect a person with medical issues, etc.

No

If **Yes**, specify the issues that are needed to inform other risk assessments:

What has the level of risk been reduced to by implementing the previous controls?

Low