

## COSHH Risk Assessment

### Mangrove - Blade

Date of assessment	08/08/2025
Site	Spotless Client Sites - Commercial and Domestic
Assessor	PH
Substance name	Blade
Quantity normally stored	1 x 5L bottle  <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	Powerful industrial maintenance cleaner concentrate for walls and floors. Cuts through grease, oil and grime ideal for engineering and plant cleaning. Controlled foam for scrubbing, wall washing and pressure washing.
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 (CLP): H314 - Causes severe skin burns and eye damage.</p> <p>Precautionary Statements (CLP): P260 - Do not breathe spray. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P315 - Get immediate medical advice/attention. P405 - Store locked up.</p>	
Hazard Pictogram Corrosive (GHS05)	
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 and applying
- Gloves to be worn at all times during cleaning to prevent skin irritation
- Always wash hands thoroughly after handling/cleaning, even if gloves have been worn
- Wear masks in poorly ventilated areas or confined spaces
- Dispense the concentrated chemical into water, not water into the concentrated chemical

*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?

On company vehicle or COSHH cupboard at office or Client COSHH cupboard

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.

Ventilate spillage area. Avoid contact with skin and eyes.

Avoid release to the environment. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

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?*

### First Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing.

Skin Contact: Wash skin with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Get medical advice/attention.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Drink plenty of water. Get medical advice/attention.

### Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/effects after inhalation: May cause respiratory irritation.

Symptoms/effects after skin contact: Burns.

Symptoms/effects after eye contact: Causes serious eye damage.

Symptoms/effects after ingestion: Burns.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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