CLEANING

Textile/Tent

What are the occuring problems?

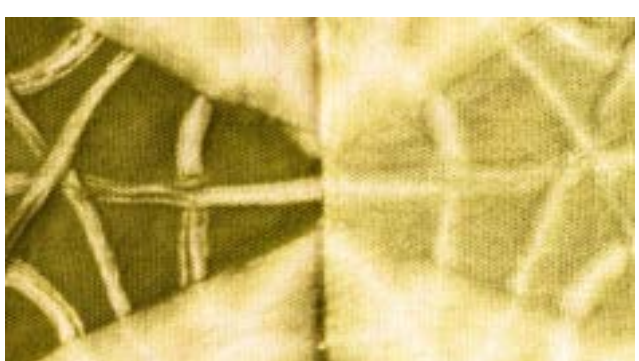
- Several problems may arise when cleaning textile and PVC tents:

1. **Staining:** Textile and PVC tents can accumulate various stains, including dirt, mud, food, and mildew, which can be challenging to remove completely.
2. **Mildew and Mold Growth:** Tents made of textiles are particularly prone to mildew and mold growth, especially when stored in damp or humid environments. Cleaning these growths can be difficult and may require specialized treatments.
3. **Color Fading:** Harsh cleaning agents or improper cleaning techniques can cause color fading or discoloration of the tent fabric or PVC material.
4. **Tear or Damage:** Aggressive scrubbing or abrasive cleaning tools can cause tears, scratches, or other damage to the tent fabric or PVC material.
5. **Waterproofing Integrity:** Cleaning agents that leave residues or strip away waterproofing treatments can compromise the tent's ability to repel water effectively.
6. **Shrinkage:** Some tent fabrics may shrink or deform when exposed to certain cleaning agents or hot water, affecting the tent's fit and functionality.

What are **moss** and **algae**

Moss and algae are types of simple, non-flowering plants that thrive in damp, shady environments.

- **Moss:** Mosses are small, primitive plants that typically grow in dense, low mats or clumps. They lack true roots, stems, and leaves, instead absorbing water and nutrients through their leaves. Mosses reproduce via spores, and they play important ecological roles in ecosystems, such as preventing soil erosion and providing habitat for small organisms.



- **Algae:** Algae encompass a diverse group of aquatic or moist environment-dwelling organisms that can range from microscopic single-celled organisms to large, multicellular seaweeds. They can be found in various colors, including green, brown, red, or blue-green, depending on the species and environmental conditions. Algae use photosynthesis to produce energy and oxygen, and they play crucial roles in aquatic ecosystems as primary producers. However, they can also become problematic when they overgrow, leading to issues like water pollution, harmful algal blooms, and the colonization of surfaces such as rocks, tree bark, or buildings.

Cleaning moss with **Logic Clean A**

LOGIC CHEMIE

- Typically, mosses and algae are treated using a hot water method, as the use of chemical products, previously common, is now prohibited.
- Logic Clean A is a bio-based, self-cleaning solution. After application, the surface should only be rinsed with water following the exposure time.
- Logic Clean A is not harmful and an effective and quick way to remove moss and other green stains from textile or pvc tents.
- No need to use a powerwasher

Logic Clean A

Is sultable for concrete, wood, stone types, Iron, porcelaIn, textIles, tents and glass.

LOGIC CHEMIE

What are the problems with cleaning paint from textile or pvc tents?

Cleaning paint from textile or pvc tents surfaces can present several challenges:

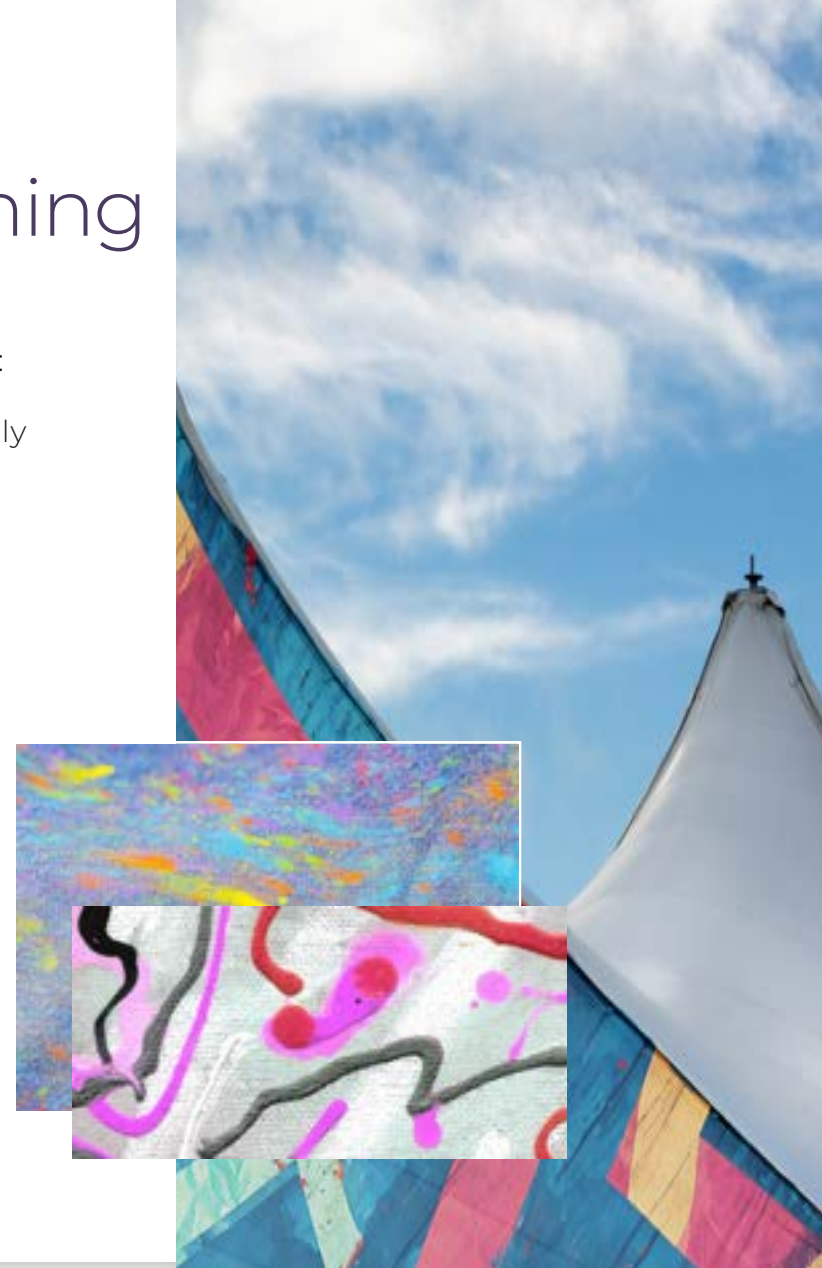
1. **Adhesion:** Paint often adheres tightly to textile or pvc tents surfaces, especially if the paint has been applied correctly and has had time to cure. This strong adhesion makes it difficult to remove using standard cleaning methods.

2. **Porous Surface:** textile or pvc tents is porous, meaning it has small holes and gaps that can trap paint. As a result, paint can penetrate deep into the textile or pvc tents, making it harder to remove.

3. **Surface Texture:** The rough texture of textile or pvc tents can make it difficult to remove paint completely, as paint can become trapped in crevices and irregularities in the surface.

4. **Type of Paint:** Different types of paint (e.g., latex, oil-based, epoxy) may require different cleaning methods or solvents for effective removal. Some paints may be more resistant to cleaning than others.

5. **Environmental Impact:** Certain paint removal methods, such as abrasive techniques or chemical strippers, can be harmful to the environment and may require special disposal methods for waste materials.



Cleaning paint and graffiti with **Logic Clean BT**

- Logic Clean BT is an automatic solution designed to eliminate old paint and varnish layers, graffiti, glue residues, tar, and soluble resin.
- This neutral cream can be effortlessly applied to surfaces using a brush or sprayer.
- After application, the product should be left for 30-45 minutes before rinsing the surface with water.

Before

After

Logic Clean BT **solutions**

- Effortlessly removes paint with minimal manual effort.
- Non-damaging to iron surfaces.
- Logic Clean BT is bio-based.
- Applicable to concrete, iron, wood, various stone types, porcelain, glass, textiles, and tents.
- No need for hard labour, machines or sandblasting

LOGIC CHEMIE

What are the problems with cleaning chemical stains from textile or pvc tents?

- Cleaning chemical stains and resin from textile or pvc tents can present several challenges:

1. **Penetration:** Chemical stains and resin can penetrate deeply into the porous surface of textile or pvc tents, making them difficult to remove completely.

2. **Adhesion:** Resin and some chemical stains can adhere tightly to the textile or pvc tents surface, especially if they have been allowed to dry or cure.

3. **Damage to textile or pvc tents:** Some cleaning agents or solvents used to remove chemical stains and resin may also damage the textile or pvc tents surface, leading to discoloration, etching, or erosion.

4. **Residue:** Even after cleaning, residues from chemicals or resin may remain on the textile or pvc tents surface, affecting its appearance and potentially attracting dirt and grime.

5. **Environmental Concerns:** Certain cleaning agents or solvents used to remove chemical stains and resin may be harmful to the environment and require proper disposal methods

Cleaning chemical stains with **Logic Clean BA**

- Efficiently removes chemical stains with minimal manual effort, eliminating the need for aggressive products like gasoline typically used for such stains.

- Also suitable for cleaning industrial machinery, it can be applied to concrete, iron, porcelain, various stone types, textiles, tents, and glass surfaces.

LOGIC
CHEMIE

Why are oil stains hard to remove?

- Oil stains are difficult to remove from textile or pvc tents due to several reasons:

1. **Absorbency:** textile or pvc tents is porous, meaning it has tiny holes and gaps that can absorb liquids like oil. Once the oil penetrates the textile or pvc tents, it can spread and become deeply embedded, making it challenging to remove.
2. **Chemical composition:** Many oils, especially petroleum-based ones, contain compounds that adhere strongly to surfaces. These compounds can form bonds with the textile or pvc tents, making it difficult for conventional cleaners to break them down.
3. **Surface texture:** The rough texture of textile or pvc tents provides many hiding spots for oil to settle into, making it harder to reach and clean thoroughly.
4. **Time:** If not treated promptly, oil stains can seep deeper into the textile or pvc tents over time, making them even more stubborn to remove.
5. **Age:** Older oil stains may have had more time to penetrate and bond with the textile or pvc tents, making them more resistant to removal.

Logic Clean N

In cases of oil and grease contamination, Logic Clean N provides a solution.

Its technical composition enables deep penetration into the surface, effectively targeting even the most stubborn and aged oil stains for thorough cleaning.

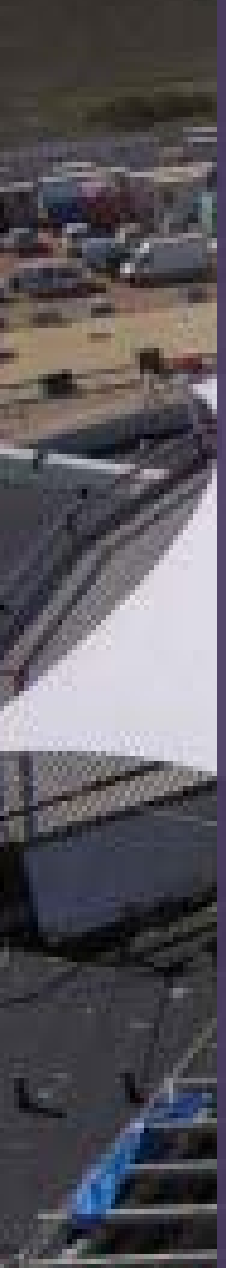
After application the products keeps penetrating the surface and breaks down oil molecules in tiny pieces. This causes the oil to come up the surface.

LOGIC CHEMIE

Logic Clean N

- Logic Clean N is an automatic oil and grease cleaner.
- After an exposure time of 15-30 minutes, the surface can be rinsed with water.
- This bio-based solution is skin-friendly and suitable for porous surfaces.
- It can be applied to concrete, various stone types, iron, wood, porcelain, glass, textiles, and tents.

LOGIC CHEMIE



What are the occuring problems with cleaning textile or pvc tents?

1. **Embedded stains:** Stubborn stains, such as oil, grease, or rust, can penetrate deep into the textile or pvc tents pores, making them difficult to remove with standard cleaning methods.

2. **Efflorescence:** This is the migration of salts to the surface of the textile or pvc tents, leaving behind a white, powdery residue. Efflorescence can reoccur even after cleaning if the underlying issue, such as moisture infiltration, is not addressed.

3. **Algae and mold:** textile or pvc tents surfaces in damp or shaded areas may develop algae, mold, or mildew growth, which can be challenging to eradicate completely, especially if they've penetrated into the porous surface.

4. **Uneven cleaning:** Improper cleaning techniques or equipment can result in uneven cleaning, leaving behind streaks, patches, or discolored areas on the textile or pvc tents surface.

5. **Surface damage:** Aggressive cleaning methods or harsh chemicals may damage the textile or pvc tents surface, leading to erosion, pitting, or etching.

6. **Residue buildup:** If cleaning agents are not rinsed off properly, they can leave behind residue, which may attract more dirt and grime, leading to rapid re-soiling.

Logic Clean SF

- Logic Clean SF provides an effective remedy for stubborn dirt.
- It serves as an autonomous and potent cleaner.
- Following an exposure period ranging from 15 to 40 minutes, depending on the severity of the contamination, the surface can be easily rinsed with water.
- The cleaning product should be diluted with water, adjusting the dilution based on the level of contamination, thereby minimizing the quantity of product required.

A solution for heavy dirt that eliminates the need for intensive manual labor.

Achieves rapid cleaning results.

Bio-based formulation that ensures no surface damage, preserving quality.

Suitable for application on concrete, various stone types, wood, and porcelain surfaces.

Before

After

What are the problems with cleaning mold of textile or pvc tents?

Mold growth on textile or pvc tents surfaces can lead to several problems:

1. **Aesthetic Issues:** Mold growth on textile or pvc tents can cause unsightly stains, discoloration, and black spots, diminishing the appearance of surfaces, particularly in indoor environments or on visible areas of buildings.

2. **Health Concerns:** Certain types of mold, such as black mold (Stachybotrys chartarum), can release spores and mycotoxins into the air, which can pose health risks to occupants, especially those with respiratory issues or allergies. Prolonged exposure to mold can lead to respiratory problems, allergic reactions, and other health issues.

3. **Surface Degradation:** Mold growth can contribute to the degradation of textile or pvc tents surfaces over time. The presence of mold can increase moisture levels in textile or pvc tents, leading to efflorescence, spalling, and cracking as a result of freeze-thaw cycles or moisture-induced expansion and contraction.

4. **Foul Odors:** Mold growth often produces musty or unpleasant odors, which can be particularly noticeable in enclosed spaces or poorly ventilated areas.

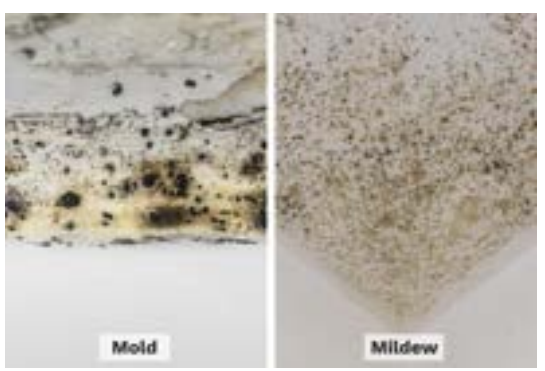
5. **Recurring Growth:** Even if mold is removed from textile or pvc tents surfaces, it can quickly return if the underlying conditions conducive to mold growth, such as high humidity or water infiltration, are not addressed.

Cleaning Mold with **MoldEx**

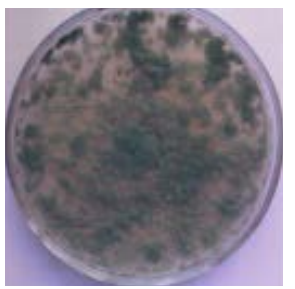
- MoldEx is an antifungal spray formulated without toxins like chlorine or hypochlorite, ensuring fungi are controlled without bleaching.
- It can be easily applied to sensitive surfaces such as leather, textile, suede, and more.
- Additionally, MoldEx can be added to a steam engine for treating carpets and curtains afterward. This bio-based solution is suitable for use on various surfaces including stone types, concrete, textile, porcelain, and tents.

Before

After



MoldEx **Solutions**



Before

After