



TECHNICAL DATA SHEET

1. - PRODUCT DESCRIPTION

Concrete Trace Remover (GMCC-100™) is an “eco-innovative”, water miscible, industrial grade efflorescence, inorganic fouling, concrete trace remover, restoration, and remediation cleaning agent that can be used to treat porous and non-porous surfaces. **Concrete Trace Remover**, as a water miscible solution, is very effective in the removal of trace concrete, grease, oil and other inorganic construction materials.

Concrete Trace Remover can be safely applied to surfaces and substrates such as brickwork, concrete, painted and unpainted metal, plaster, stone, construction and earth moving equipment and more. **NOTE: Concrete Trace Remover** may cause damage to gel coats. **Concrete Trace Remover** also has antibiofilm properties for the reduction and elimination of biofilm formation.

2. - PHYSICAL PROPERTIES

PROPERTIES	
Colour	Transparent
Gloss	None
Vapour Pressure	20 mmHg @ 20°C / 68°F (As water)
Immersion Corrosion	No Effect
Sandwich Corrosion	NA
Hydrogen Embrittlement	NA
Density	1.0
pH	1.0 - 5.0
Flash Point	100°C / 212°F
Sag	None
VOC Content	0 g/L
Viscosity	5% by Weight
Coverage	500 - 600 ft ² (46 m ² - 56 m ²) per gallon. Results may vary depending on the severity of the fouling to be removed.
Shelf Life	24 months (2 years)
Dwell Time	1-12+ hours (depending on temperature and the severity of trace to be removed)

Easy to Apply & Easy to Remove

Concrete Trace Remover removes trace concrete fast, and without the need of using strong or toxic acids. **Concrete Trace Remover** is safe to use when recommended precautions are followed.

Please refer to the **SDS** for additional information.

3. - PRODUCT ADVANTAGES

Safe:

- Formulated with friendly chemicals
- Does not contain harsh acids, caustics, or NMP
- No special ventilation required
- Non-mutagenic

Removes:

- Concrete Trace
- Scale
- Efflorescence

Eco-Responsible:

- Zero VOC, TAP & HAP
- Water based, biodegradable

4. - LIMITATIONS

For the best removal & remediation results, the optimum surface temperature should range from **15°C - 35°C (59°F - 95°F)**. Lower temperatures will reduce the efficiency and effectiveness and dwell times will be increased.

5. - PRE-TEST



NOTE: Always prepare a small test area on each type of surface to be cleaned before moving ahead with a full treatment application of **Concrete Trace Remover**. Testing is the most effective method to ensure suitability of the product in order to achieve a successful cleaning process and optimum removal results. A "test patch" will also help in determining the amount of product needed and an appropriate dwell time. Cover and protect areas (including any nearby plants & vegetation) that you do not want **Concrete Trace Remover** to come into contact with. Polyethylene plastic sheets and masking tape can create an effective protective barrier during the removal process.

6. - APPLICATION GUIDELINES

Surface to be treated must be dry. **Concrete Trace Remover** can be applied quickly and efficiently over large surface areas due to its spray-on, or foam-on, capabilities which allow it to cover challenging and hard to reach areas in a project. **Concrete Trace Remover** will remain wet and effective for an extensive period of time. Its "dwell time" varies depending on the condition of the substrate, the age and severity of the trace concrete to be removed, and the surface temperature. For best results, allow **Concrete Trace Remover** to dwell (soak) overnight or longer.

CONCRETE TRACE REMOVER - An Eco-Innovative Industrial Cleaning Solution



NOTE:

- * Numerous factors can have an effect on the scale, performance, and scope of the removal, remediation and restorative process.
- * Concrete Trace Remover should only be applied by a technician trained in its proper use and application.
- * If there are any questions or concerns, please contact an Assero representative before proceeding with an application of Concrete Trace Remover.

7. - APPLICATION PROCEDURES

Always start an application at the **lowest pressure** and slowly build up pressure until an **appropriate** fan pattern has been achieved.

APPLICATION DETAILS	SURFACE TREATMENT
Application Methods	Brush, Roller or Airless sprayer
Application Thickness	1/8" (3.17 mm)
Dwell / Soak Time	1 - 12+ hours
2 nd Coat (Should not be needed for most applications)	Refer to previous test results to determine if more than one coat is required. Apply a light coat first, allow a dwell time of 30 - 45 minutes, and then apply the 2 nd coat.

APPLICATION DETAILS	IMMERSION TREATMENT
Application Methods	Tank Immersion
Ambient Temperature	15°C / 59°F
Immersion Time	Until surface fouling begins to loosen. A minimal amount of scrubbing is all that should be needed to remove fouling.

FOULING REMOVAL	
Removal Equipment (Option 1)	Spray bottle or pail of fresh clean tap water Stiff nylon brush and / or scouring pad Clean cloth or sponge to wipe dry
Removal Equipment (Option 2)	Pressure washer (1200 - 1500 psi)
Rinse Contaminants & Concrete Trace Remover from Surface	Rinse with generous amounts of clean tap water. Occasionally refresh water in the pail with clean water
Rinse Thoroughly	Close attention should be paid to crevices, grooves and cracks.

Airless spraying is the most cost effective method and can be applied using a heavy duty (HD) airless paint spray unit with the ability to support a 0.021 spray tip. Be sure to remove both the gun and manifold filters from the sprayer system before attempting to spray as it may clog during the application process.

Note: Concrete Trace Remover is water-based, so it's safe to slowly raise its temperature if below the recommended minimum. This can be accomplished using a heated tank; or another option would be to warm the product (in its container) in a larger container (bucket, sink, tub) of heated water before filling immersion tank.

Always use PPE (Personal Protective Equipment) and ensure that any spilled product is thoroughly cleaned.

8. - CLEANUP & MAINTENANCE

Clean the airless sprayer equipment by running clean tap water, or soapy water followed with fresh clean water, through the equipment soon after the application has been completed. Allow the parts / surfaces treated with the product to dry completely before repainting the surface and/or before the application of other coatings. No additional service is needed once the removal project is complete.

9. - HEALTH & SAFETY PRECAUTIONS

Concrete Trace Remover is safe to use when recommended precautions are followed. As with any chemical, avoid breathing in fumes, contact with eyes, and ingestion. Before using this product, **PLEASE refer to the SDS** for additional information on health, physical, and environmental precautions, as well as first aid recommendations, application procedures and safe handling protocols.

DISCLAIMER / LIMITATIONS OF LIABILITY: The data contained within this Technical Data Sheet represents typical values. Since application variables, environmental conditions present at the time of application, and the skill of the applicator are significant factors in the performance of this product, this information should serve only as a general guide. No warranty or liability for the performance of the product will be accepted unless specifically agreed to by us in writing. **ASSERO INDUSTRIAL COATINGS** assumes no obligation or liability for use of this information. **ASSERO WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

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RESELLER CONTACT INFORMATION