

# Technical Bulletin

## Agi-Gel

### Low Hazard Self Gelling Non-Acid Concrete Remover

#### Product Description:

AGI-GEL is a unique gel formulation based on 'non acid' organic salt technology. AGI-GEL performs like a strong acid but is non-corrosive to skin and most metals. In fact, AGI-GEL is classified according to the criteria of Worksafe Australia as non-hazardous. AGI-GEL is formulated with a powerful acid inhibitor that protects materials of construction, meaning efficient concrete removal whilst safe to base metals.

- Gel formulation clings and allows fast & efficient removal of concrete and all cement based residues.
- Replaces dangerous acids commonly used in the pre-mix concrete industry with a non-hazardous material. AGI-GEL is non-hazardous to the criteria of Worksafe Australia.
- Low odour level and non-fuming.
- AGI-GEL has built in corrosion inhibitors to make it much less corrosive to steel and aluminium when compared with other cleaners and hydrochloric acid.
- AGI-GEL also contains special wetting agents; so it is also an effective cleaner for the removal of road grime, light rust and oxides, oil, grease etc, from vehicles, manufacturing plants and others.
- AGI-GEL is harmless to most paints and finishes. If applied correctly, it will leave paintwork clean and free of oxides. Non-corrosive to most metals except zinc coated /Galvanized metals, and marble / stone finishes.

AGI-GEL replaces dangerous hydrochloric and other commercial acidic formulations with a safer alternative. AGI-GEL is designed to efficiently remove concrete splash and cement dust residues from vehicles and all other surfaces commonly found in the pre-mix concrete industry, including pre-mix concrete agitators, level screeders and concrete pumps. AGI-GEL only becomes active when exposed to the target residue unlike normal acids that release all of their available activity immediately.

#### Application:

AGI-GEL is best used neat. The normal method of application is to apply the undiluted product to the target surface using a soft broom that has been soaked in AGI-GEL. Once applied the gel product will cling to even vertical surfaces allowing excellent contact time for reaction. AGI-GEL should be left for a few minutes to do its work prior to rinsing with water. It is best not to allow the surface to dry prior to rinsing.

Although non-hazardous, it is recommended, in line with good operational procedure that gloves and eye protections are worn when product is being used. Refer to Safety data sheet for further information.

**SHELF LIFE:** As a quality assured manufacturer, Castle Chemicals has a stringent Quality assurance programme. As part of this regime, the label on this product shows a batch number and date of manufacture. This product has a shelf life of 24 months from the label printed date of manufacture. This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Castle Chemicals assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of material.

Page 1 of 1