

# Technical Bulletin

## Agi Blast

### Acidic Organic Salt Ready to Use Concrete Remover

#### Product Description:

AGI-BLAST is a unique low hazard acidic Ready to Use concrete remover / cleaner, formulated with new organic salt technology. Designed for cleaning Concrete Trucks and Agitators, AGI-BLAST contains no strong mineral acids, is non-fuming and is non-corrosive to the skin and most metals.

AGI-BLAST replaces dangerous hydrochloric and other mineral acids to allow the safe cleaning and removal of concrete spillage from concrete trucks and agitators, transfer equipment, brickwork, formwork and shuttering etc. AGI-BLAST is formulated from our Agi-Safe and is a safe organic salt, which is only 'activated' upon contact with the calcium and magnesium minerals present in concrete and mortars.

AGI-BLAST contains the latest advances in special wetting agents and this detergency ensure ultimate fast action and aids streak free finishing, meaning AGI-BLAST is also an effective cleaner for the removal of road grime, light rust and oxides, oil, grease etc, from vehicles and manufacturing plants.

AGI-BLAST is a READY TO USE product, so as such, is not classified as a 'dangerous good' (Class 8) for transport according to the ADG code. At in use concentrations AGI-BLAST is harmless to most paints and finishes. If applied correctly, it will leave paintwork clean and free of oxides.

As an additional safeguard, AGI-BLAST also contains a powerful corrosion inhibitor proven to protect ferrous metals from attack. Recent Laboratory corrosion testing show AGI-BLAST to inhibit corrosion to 99.8%. Weight loss in testing was half that of competitor product (Lab report available).

#### Application:

AGI-BLAST is supplied as a READY TO USE product, reducing the need for staff to make a working solution. Decant AGI-BLAST into a suitable tank / plastic container and apply manually via brushing or insert items to be cleaned into tank/container

Time to clean will be dependent on severity of concrete deposit and temperature.

For vehicle / truck agitator applications, AGI-BLAST is best applied by wiping or brushing onto surfaces to be cleaned, leave for two to five minutes, and rinse off with clean mains pressure water.

Although the in-use concentration of AGI-BLAST is less hazardous than mineral acid products, it is recommended, in line with good operational procedure that gloves and eye protection should be worn when product is being used. Refer to material Safety data sheet for further information.

APPEARANCE Clear Lliquid

FLASHPOINT Nil (Non Flammable)

pH 1.0 – 2.0

SPECIFIC GRAVITY 1.20

CORROSION: Non-corrosive to most metals except zinc coated / Galvanized metals, and marble / stone finishes.

**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.

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