

Technical Bulletin

Agi-Safe

Acidic Organic Salt Concrete Truck Agitator Cleaner

Product Description:

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

AGI-SAFE 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-SAFE is a safe organic salt, which is only 'activated' upon contact with the calcium and magnesium minerals present in concrete and mortars.

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

AGI-SAFE is a concentrated product, so as such, is classified as a 'dangerous good' (Class 8) for transport according to the ADG code. However, at working concentrations of 50% or less, (diluted 1:1 with water) is classified as non DG for transport. At in use concentrations AGI-SAFE is harmless to most paints and finishes. If applied correctly, it will leave paintwork clean and free of oxides.

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

APPEARANCE Clear Red liquid

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.

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Application:

AGI-SAFE is supplied as a concentrate to be diluted ready for use. Dilution can be effectively used at strengths from 10% to 40%, and a recommended maximum of 50% for the most 'stubborn' of deposits, i.e. a 1:1 dilution with water. AGI-SAFE can be diluted via an educator style dispenser, or made up in suitable tank / plastic container and applied manually via brushing or insert items to be cleaned into tank.

Time to clean will be dependant on severity of concrete deposit / dilution of AGI-SAFE and temperature.

For vehicle / truck agitator applications, AGI-SAFE 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 concentrations of AGI-SAFE are classified as non-hazardous, 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.

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.