

# Technical Bulletin

## Kemcarb

**\*Note! Limited annual stock product!\***

**\*Consult for availability\***

### Cold Immersion Paint and Carbon Remover

#### Product Description:

KEMCARB is a mixture of neutralised acids, emulsifiers, corrosion inhibitors and chlorinated solvents. KEMCARB is used for the removal of soft and hard carbon deposits, from aircraft engine parts as well as conventional combustion engines. It is also effective as a paint remover for both air dried and baked finished paints including epoxies and acrylics.

#### Application:

KEMCARB is used mixed with 1/4 of its volume to water. The water forms a separate layer on top and serves to prevent evaporation of the more volatile solvents.

Care should be taken to maintain the depth of this water seal at a minimum of 10 cms (4 inches).

KEMCARB is used at ambient temperatures with immersion times which will vary from a 1/2 an hour to overnight soak. Components should be immersed totally in the lower layer.

After soaking a thorough rinse should follow. Preferably with a pressure washer. Kemcarb conforms to the performance and corrosion requirements of MIL-C-19853C Amend. 1, Type 1 Class.

KEMCARB is non corrosive to most metals including aluminium, magnesium, mild steel, cadmium and copper. It will have a descriptive effect on rubber and many plastics. Mild steel is a suitable material for tank construction. Do not use Kemcarb on materials that are susceptible to attack from chlorinated hydrocarbons.

1. Avoid contact with skin, eyes and clothing.
2. Avoid breathing, as vapours contain chlorinated solvents.
3. Use under conditions of adequate ventilation.
4. Open containers with caution.
5. No smoking - keep away from open flames.
6. In case of skin contact or spillage drown the skin with water.
7. In case of eye contact wash immediately with water and obtain medical advice.
8. Wear protective clothing including clothes and eye shields.

If the components are particularly oily or greasy a prior degreasing is desirable in order to preserve the life of KEMCARB. After immersion the parts should be thoroughly rinsed with water and the inhibitor applied. 20 litre and 205 litre.

APPEARANCE: Dark brown mobile liquid

DENSITY: 1.18 g/ml at 20oC

pH 12.0 - 12.5

FLASHPOINT: Non flammable

**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**