

# ECOCLEAN 2000

## **1. PROPERTIES**

ECOCLEAN 2000 is a more powerful version of FS 10 which, in addition to its degreasing properties, will also remove light oxide discolouration such as that produced by spot welding on thin gauge sheet. ECOCLEAN 2000 is particularly suitable for light gauge fabrications manufactured from pre-polished or bright annealed sheet as, under controlled conditions, heat oxides can be removed without affecting the polished finish. Normal pickling processes would etch the surface and produce a dull finish.

## **2. FIELD OF APPLICATION**

ECOCLEAN 2000 is intended for use on Chrome, Chrome Nickel and Nickel alloys. It may also be used as a surface pickle for Aluminium.

## **3. USING THE PRODUCT**

ECOCLEAN 2000 should be applied evenly and undiluted over the surface to be treated, using a brush or, for a more rapid application, by means of a low pressure spray applicator (obtainable from DELMET). 1 Kg. will give a coverage of 6-10 square metres.

Treatment time will vary depending upon the degree of oxidation being removed but 5-20 minutes should be sufficient. Lengthy treatment times will result in dulling of polished surfaces .

When used on Aluminium treatment time should be a maximum of 10 minutes.

After cleaning, all spent product should be removed by rinsing with clean water, preferably under high pressure.

#### **4. POST-TREATMENT**

A clean stainless steel surface will generate a protective oxide film when exposed to uncontaminated air. The formation of this “passive layer” can be accelerated by chemically passivating. DELMET PASSIVATING products are available in solution, paste and spray-on paste form. Information sheets available on request.

#### **5. EFFLUENT TREATMENT**

Effluent rinse water resulting from the use of ECOCLEAN 2000 should be neutralised prior to disposal in accordance with local water authority regulations.

#### **6. SAFETY PRECAUTIONS**

ECOCLEAN 2000 contains Phosphoric, Nitric acids and Ammonium Difluoride acids and the precautions normally taken when working with acidic solutions should be observed with this product. Protective clothing such as rubber gloves and goggles should be worn. When spraying or working in confined or poorly ventilated environments respiratory equipment should be used. More comprehensive safety details are available on the appropriate DELMET safety data sheet.

#### **PLEASE NOTE**

The information contained in this data sheet is given to the best of our knowledge and is based upon practical and laboratory tests. Our technical service department is willing to offer advice on handling, application and process techniques.

We are also able to undertake cleaning, pickling and passivating work either at our Gorgonzola works or on-site.