

## **ARACHIS ONLINE TRAINING**

### **MODULE 13: ACIDIC METAL DEGREASER**

Maingredients anodiwa

#### Ingredients & Measurements

1. Mvura yakachena 14.37 litres
2. NP10 (Nonyl Phenol Ethoxylate) 600 ml
3. SLES (70%) 600 ml
4. IPA (Isopropyl Alcohol) or Butyl Glycol 800 ml
5. Phosphoric Acid (75%) 3.0 litres
6. HEDP (Etidronic acid) 300 ml
7. Sodium Gluconate (powder or liquid)

If powder: 200 grams (tanga wanyungudutsa mumvura inodziya)

Kana iri liquid liquid (50%): 400 ml

8. Corrosion Inhibitor (Thiourea or Urea 100 grams (tanga wanyungudutsa mumvura))
9. Preservative (Bronidox or equivalent) 30 ml

#### **MIXING ORDER (VERY IMPORTANT)**

1. Isa 10 litres dzemvura mu drum
2. Nyungudutsa HEDP + sodium gluconate + corrosion inhibitor
3. Isa **NP10** wonyatsosanganisa
4. Isa **SLES** zvishoma nezvishoma(usaibvumira kuita furo)
5. Chiisa **IPA**
6. Zvishoma nezvishoma **isaphosphoric acid.**
7. Isa preservative
8. Chidira mvura kuti isvike **20 litres**

