

ALKALINE DEGREASERS



HTC 53 is a high-pH powdered alkaline cleaner designed to remove tough soils like oily residues, lubricants and grease, and old paint while inhibiting flash rusting. Its design permits its use in hot dip tank wash systems under all water conditions.

FEATURES AND BENEFITS

- Powerful alkali
- High pH for fast cleaning action
- Contains a high level of water softeners
- Low foaming
- Completely water soluble
- Liquid formats available with the products Penblitz 683L and Penblitz 688L
- Full hot tank service program provided
- Highly effective product, even after extended use
- Effective in hard water
- Free rinsing
- Excellent longevity (6-12 months)
- Test kit available for monitoring treatment levels
- Full equipment service available for tank fluid neutralization

DIRECTIONS FOR USE

Use procedures

Instructions for hot dip tank applications:

- Fill tank with cold water to approximately half of the desired fluid height. To determine fluid volume, measure tank dimensions and convert, 1 ft³ = 28.3 L.
- Determine weight of **HTC 53** required. 1 kg per 10 L of fluid is recommended.
- Add **HTC 53** slowly to tank. DO NOT add entire weight of **HTC 53** to tank at once. Mechanical agitation or sparging tank with air will greatly improve product solubilisation.
- Once entire weight of **HTC 53** has been added, fill to desired fluid height and allow for thorough mixing before attaining operating temperature.

Concentration

Use at a concentration of 10% w/v.

Temperature

Maximum operating temperature of 80°C.

IMPORTANT

This product will attack aluminium, zinc, tin and other soft metals. Do not use on painted surfaces – it will fade, soften or remove paint. Ensure proper ventilation of hot dip tanks at all times.

HTC 53

LOW-FOAMING, POWDERED ALKALINE CLEANER

PHYSICAL PROPERTIES

Appearance	White powder
Odour	Odorless
Specific Gravity @ 20°C	Not applicable
Viscosity	Not applicable
pH	13.0
Flash Point (TCC)	None
Boiling Point	Not applicable
Freezing Point	Not applicable
Rinsability	Excellent
Water Solubility	Complete

INCOMPATIBILITY

Strong acids and oxidizing materials
Avoid contact with aluminum, zinc

WAREHOUSING PRECAUTIONS

Keep container closed when not in use

AVAILABLE SIZES



180K

FIRST AID MEASURES

EYE CONTACT

Flush with plenty of water for 15 minutes. Consult physician if irritation develops or persists.

SKIN CONTACT

Wash with soap and flush with plenty of water for 15 minutes. Apply skin cream if required. Consult physician if irritation develops or persists.

INHALATION

Not applicable.

INGESTION

Do not induce vomiting. Drink plenty of water and consult physician immediately.

HEALTH

3

FLAMMABILITY

0

REACTIVITY

0

LEGEND

0 = MINIMAL RISK
1 = SLIGHT RISK
2 = MODERATE RISK
3 = SERIOUS RISK
4 = SEVERE RISK

PERSONAL PROTECTION

Security equipment



WHMIS



IMPORTANT: Before using HTC 53 always be sure to read and follow precautions and directions for use appearing on the product container label and on the material safety data sheet (m.s.d.s.).