



PT. SINAR CEMARAMAS ABADI

- VERCOPPER (ACID / CYANIDECOPPER)
- VERNICKEL
- VERCHROME
- VERZINC ACID / CYANIDE ZINC
- CLEANER (ELEKTRO / SOAK)
- PHOSPHATING
- CHROMATING
- ELECTROLESS NICKEL

FOR HIGHTECT ELECTROPLATING :

- ELECTROLESS NICKEL PLATING FOR ALUMINIUM AND ZINC DIE CAST, MAGNESIUM
- GOLD PLATING
- PTFE FORELECTROLESS NICKEL
- HARDCHROM
- SAND CAST ALUMINIUM ALLOYS PLATING
- MAGOXID – COAT FOR PROTECTING MAGNESIUM SUBSTRATES

- KEPLA – COATING FOR ALUMINIUM AND TITANIUM ALLOYS

- ELECTROLESS NICKEL PLATING WITH INTEGRATED SILICON CARBIDE PARTICLES (SIC)
- GLISS – COAT
- A CLEAN SOLID FILM LUBRICATION FOR A MAINTENANCE FREE PERMANENT LUBRICATION OF ALL KIND OF FRICTION PAIRINGS
- SEPA – COAT (ANTI ADHESIVE COATING AND ACTIVATOR) FOR THE REMOVAL OF PART FROM MOULDS

ACID DEGREASER HR 30

Acid Degreaser HR 30 is suitable for use in hydrochloric acid and sulphuric acid pickling bath as well as in various mixtures of the above mentioned mineral acids. Acid Degreaser HR 30 has a highly inhibiting effect as well as degreasing properties.

1. OPERATING DATA

Initial bath per 100 litre	10 - 20 litres sulphuric acid tech.conc. or 10 - 20 litres of hydrochloricacid, tech, conc 1 - 2 ltr of Acid Degreaser RI 30
Temperature	15 - 50oC; higher temperatures will accelerate pickling
Ventilation	Forced ventilation is essential, particularly at higher pickling temperatures
Dip tank material	Open hearth steel lined with hard rubber or synthetic material, plastic tancs

Treatment will depend on the degree of contamination of the parts to be cleaned. The inhibitor contained in the pickling degreaser will prevent excess pickling.If longer pickling times are preferred, the amount of Acid Degreaser HR 30 should be increased to 5 litres per 100 litres of pickling solution.

2. PRODUCT REQUIRED FOR THE PROCESS

	Toxicity classification	Bag No.
Sulphuric and hydrochlorid acid,tech.conc	.2	
Acid Degreaser HR 30	4	42'535

Head Office :

Kompleks Pergudangan Meiko Abadi B 17-19, Ds. Wedi, Kec. Gedangan – Sidoarjo, East Java, Indonesia
Telp. (031) 8014717, 8014718, 8015320; Fax. (031) 8014534, E-mail : sca_sda@yahoo.co.id

Branch Office :

Jl. Agung Niaga VI Blok G 6 No. 46, Sunter Agung Podomoro – Jakarta, Indonesia
Telp. (021) 6400876, 6400877; Fax. (021) 6400833, E-mail : scajkt@live.com



PT. SINAR CEMARAMAS ABADI

- VERCOPPER (ACID / CYANIDECOPPER)
- VERNICKEL
- VERCHROME
- VERZINC ACID / CYANIDE ZINC
- CLEANER (ELEKTRO / SOAK)
- PHOSPHATING
- CHROMATING
- ELECTROLESS NICKEL

FOR HIGHTECT ELECTROPLATING :

- ELECTROLESS NICKEL PLATING FOR ALUMINIUM AND ZINC DIE CAST, MAGNESIUM
- GOLD PLATING
- PTFE FORELECTROLESS NICKEL
- HARDCHROM
- SAND CAST ALUMINIUM ALLOYS PLATING
- MAGOXID – COAT FOR PROTECTING MAGNESIUM SUBSTRATES

- KEPLA – COATING FOR ALUMINIUM AND TITANIUM ALLOYS
- ELECTROLESS NICKEL PLATING WITH INTEGRATED SILICON CARBIDE PARTICLES (SIC)
- GLISS – COAT
A CLEAN SOLID FILM LUBRICATION FOR A MAINTENANCE FREE PERMANENT LUBRICATION OF ALL KIND OF FRICTION PAIRINGS
- SEPA – COAT
(ANTI ADHESIVE COATING AND ACTIVATOR) FOR THE REMOVAL OF PART FROM MOULDS

3. WASTE WATER RECOMMENDATIONS

Waste water must be treated in accordance with legal provisions before it is allowed to enter the public drainage system.

Above instructions and informations are the result of intensive testing and shop experience.

They are for your information, only.

Our guarantee extends to the continuous quality of our products and not their usage in the field, a factor which is beyond the control of a supplier.

Head Office :

Kompleks Pergudangan Meiko Abadi B 17-19, Ds. Wedi, Kec. Gedangan – Sidoarjo, East Java, Indonesia
Telp. (031) 8014717, 8014718, 8015320; Fax. (031) 8014534, E-mail : sca_sda@yahoo.co.id

Branch Office :

Jl. Agung Niaga VI Blok G 6 No. 46, Sunter Agung Podomoro – Jakarta, Indonesia
Telp. (021) 6400876, 6400877; Fax. (021) 6400833, E-mail : scajkt@live.com