

THE 7 TANK PROCESS

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CHENKEM

No:8, Valarmathi Illam, Chinnasamy Naidu Layout, Lakshmipuram, Peelamedu, Coimbatore - 641004.

Mob : +91 9843010093

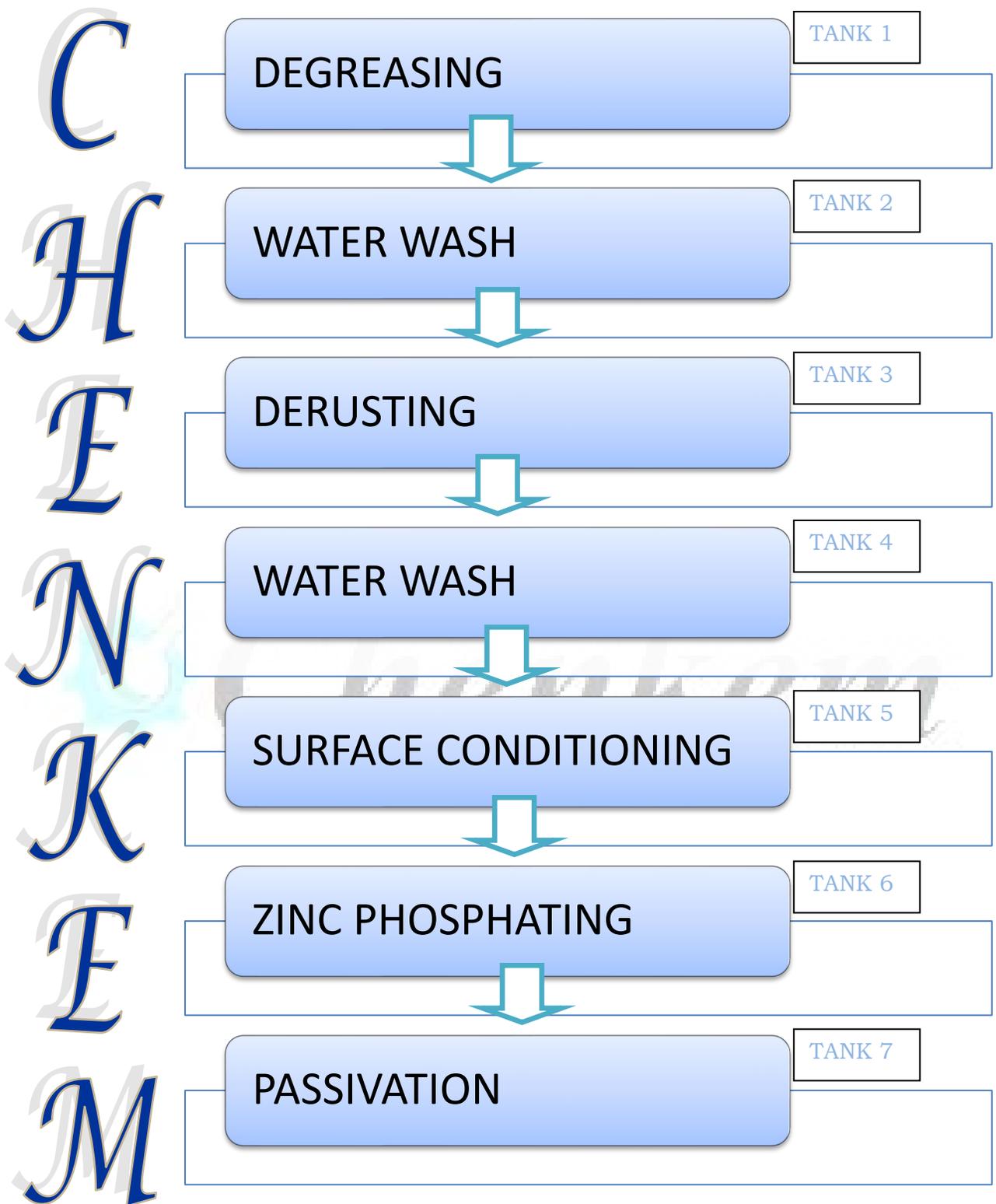
Mail : chenkemsales@gmail.com



ChenkemTM

LABORATORY CHEMICALS & GLASSWARE
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CHEN CLEAN 1000

(Degreasing Compound)

Scope: This is an alkaline admixture of salts. The use of this product removes all traces of oil from the surface and leaves the substrate, free from oil and grime. The next operation in the process line shall be Derusting.

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TYPE	<i>Cold/ Hot [Heat up to 55°C to fasten process]</i>
FORM	Crystalline Salt, Foaming Type
COLOUR	White to Pale Brown
FLAMMABILITY	Not flammable
ODOUR	Sweet Mild Odour
COMPOSITION	Vehicle, Surfactant, Deoil, Foaming Agent, etc
FUNCTION	Removes all traces of Oil
DILUENT	Water
DILUTION	1 Kg of <i>CHEN CLEAN 1000</i> : 20 Parts of Water, by Volume
MISCIBILITY	Infinitely soluble in water
MODE OF USE	Dip
DURATION	7-10 Minutes depending on the extent of oil
POST TREATMENT	Water Wash, preferably Cascade Type
SHELF LIFE	10 Months
PACKING	25 Kg / 50 Kg HDPE Bags, with inner line laminated

Disclaimer: We hereby certify that the above mentioned data are true to our knowledge and is given in good faith. However for end results the user has to conduct small trials and satisfy themselves fit, for their end use. No guarantee whatsoever is extended by the company for the end result, as the conditions in the work place are not within our control.

Operation Data and Material Safety Data Sheet (MSDS) available on request

CHEN RUS 2000

(Mild Degreasing / Derusting Compound)

Scope: Phosphoric acid based derusting has found prominence in today's industry . The use of this product removes traces of oil and rust from the surface and leaves the substrate free from all oxides suitable for next operation in the process line. *Risk of acid carry over, will cause no damage to other tanks during further processing.*

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TYPE	<i>Cold/ Hot [Heat up to 55°C to fasten pickling]</i>
FORM	Viscous Liquid, Foaming Type
COLOUR	Clear to Pale Brown
FLAMMABILITY	Not flammable
ODOUR	Sweet Mild Odour
COMPOSITION	Phosphoric Acid, Inhibitors, Foaming Agent, etc
FUNCTION	Removes mild traces of Oil and Derusting
DILUENT	Water
DILUTION	1 Part of <i>CHEN RUS 2000</i> : 5 Parts of Water, by Volume
MISCIBILITY	Infinitely soluble in water
MODE OF USE	Dip / Continuous Brushing / Spraying
DURATION	7-10 Minutes depending on the extent of rust
POST TREATMENT	Water Wash, preferably Cascade Type
SHELF LIFE	10 Months
PACKING	40 Kg / 240 Kg HDPE Carboys

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Operation Data and Material Safety Data Sheet (MSDS) available on request

Scope: The product is an acidic admixture of salts. The use of this product removes all traces of iron salts from the surface, and leaves the substrate activated for the phosphate coating to adhere smoothly. The next operation in the process line shall be Phosphating.

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TYPE	<i>Cold</i>
FORM	Crystalline Salt
COLOUR	White
FLAMMABILITY	Not flammable
ODOUR	Odourless
COMPOSITION	Vehicle, Surfactant, etc
FUNCTION	Removes iron salts and provides base for Phosphating
DILUENT	Water
DILUTION	1 Kg of <i>CHEN SUR 3000</i> : 500 Parts of Water, by Volume
MISCIBILITY	Infinitely soluble in water
MODE OF USE	Dip
DURATION	1 Minute
POST TREATMENT	Cold / Hot Phosphating
SHELF LIFE	10 Months
PACKING	25 Kg / 50 Kg HDPE Bags, with inner line laminated

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CHEN PHOS 133

(Cold Zinc Phosphating Compound)

Scope: The usage of this product forms a coat of unique and revolutionary Zinc Phosphate, that results in forming an anti-corrosive coat over the surface of the metal. It forms an excellent base for Painting and Powder Coating. It also improves adhesion and corrosion protection. It is also used for storing M.S Components without rusting.

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TYPE	<i>Cold</i>
FORM	Viscous Liquid
COLOUR	Pale Green
FLAMMABILITY	Not flammable
ODOUR	Slightly Pungent
COMPOSITION	Phosphoric Acid, Inhibitors, Nitric Acid, etc
FUNCTION	Forms a coat of Zinc Phosphate
DILUENT	Water
DILUTION	1 Part of <i>CHEN PHOS 133</i> : 19 Parts of Water, by Volume
MISCIBILITY	Infinitely soluble in water
MODE OF USE	Dip / Continuous Spraying
DURATION	25-30 Minutes, Continuous
POST TREATMENT	Water Wash, Passivation
STANDARDS	Confirms to Sa2, ½ of Swedish spec SISO 8-5900-1967
SHELF LIFE	10 Months
PACKING	40 Kg / 240 Kg HDPE Carboys

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Operation Data and Material Safety Data Sheet (MSDS) available on request

CHEN PASS 7000

(Passivating Compound)

Scope: The use of this product, removes excess iron oxide salts, thus leaving the surface acidic, suitable for next operation in the process line. It also seals the phosphate coating, thus preventing any further rust formation.

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TYPE	<i>Cold/ Hot</i> [Heat up to 65°C]
FORM	Viscous Liquid
COLOUR	Golden Yellow
FLAMMABILITY	Not flammable
ODOUR	Odourless
FUNCTION	Removes excess iron salts and seals phosphating
DILUENT	Water
DILUTION	1 Part of <i>CHEN PASS 7000</i> : 999 Parts of Water, by Volume
MISCIBILITY	Infinitely soluble in water
MODE OF USE	Dip / Continuous Spraying
DURATION	1 Minute
POST TREATMENT	Painting / Powder Coating / Oiling
SHELF LIFE	10 Months
PACKING	40 Kg / 240 Kg HDPE Carboys

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