



USE THE BEST

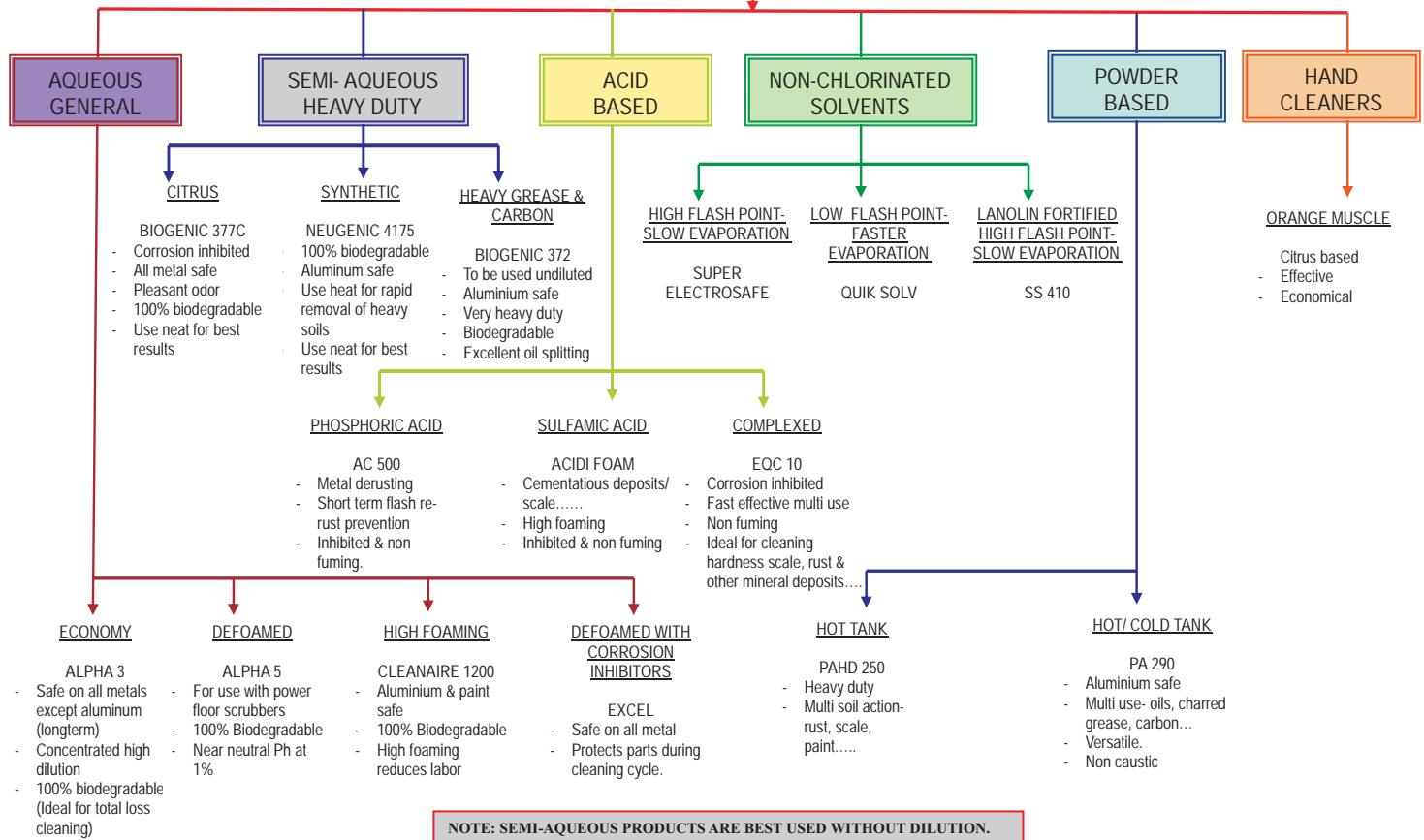
ENVIRONMENT FRIENDLY INDUSTRIAL CLEANERS



Integrated Solutions for Better Living



ENVIRONMENT FRIENDLY INDUSTRIAL CLEANERS










NOTE: SEMI-AQUEOUS PRODUCTS ARE BEST USED WITHOUT DILUTION.

I. AQUEOUS & SEMI - AQUEOUS CLEANERS & DEGREASERS

RMC offers a full range of concentrated, heavy duty aqueous & semi - aqueous cleaners & degreasers for cleaning grease, oil & factory soils from industrial parts, equipments, floors..

- * Super quality & performance.
- * Unique surfactant systems - rapidly floats away greasy & oily soils. Effective cleaning & degreasing.
- * Highly dilutable (1 : 30 - 1 : 100) - low use cost.
- * Free rinsing - leave on film.
- * No flash points - non-flammable, safe products.
- * Near neutral - safe on all washable surfaces.
- * Low odor.
- * Non - toxic. Environment safe. Biodegradable.
- * No phosphates, butyls, acids, caustics or chlorinated solvents - user safe
- * Easy to use - manually, sprayers, hot or cold dip tanks, power scrubbers, ultrasonic cleaner.
- * Recyclable.
- * Full range to meet diverse cleaning needs.

S. NO.	PRODUCT	DESCRIPTION	APPEARANCE	PH (CONC.)	PH (DILUTED)	FOAM LEVEL	METAL SAFETY	DILUTION RATIO	METHOD OF USE	KEY APPLICATIONS
1.	#Z100 ALPHA1	General purpose heavy duty Degreaser - I Neutral in use dilution. May be used undiluted for spray & wipe cleaning.	Purple	10.5-11.0	7.5 - 8.0 (1%)	Medium	Safe on all metals	1 : 3 - 1:40	Mop, brush, pressure spray, dip tank, automatic floor scrubber....	Unique general purpose cleaner for removing grease, oil & factory soils. Recommended for cleaning equipments, machinery, parts, floors etc.
										
2.	#Z101(A) ALPHA 3	Concentrated heavy duty Degreaser - II	Purple	10.5-11.0	7.5 - 8.0 (1%)	Low	Safe on all metals (test on aluminium before long term exposure).	1 : 3 - 1 : 100	Mop, brush, pressure spray dip tank, automatic floor scrubber....	Heavier duty, more concentrated. General use-equipment, machinery, parts & floor cleaner. Neutral in use dilution.
										
3.	#Z101(B) ALPHA 5	Defoamed aqueous Cleaner	Purple	9 - 10	7.5-8.0 (1%)	Very Low	Safe on all metals (test on aluminium before long term exposure).	1 : 3 - 1 : 100	Especially suited for automatic floor scrubbers	Especially suited to factory floor cleaning via power scrubbers.
										
4.	#Z102 CLEANAIRE 1200	Paint & plastic safe high foaming aluminium safe cleaner	Clear Blue	12.0	10.6 (10%)	High	Safe on all metals including aluminium. Will not attack or dull paint	1 : 3 - 1:20	Manually, foamers, sprayers, dip/soak tanks.....	Cleaning vehicles, locomotives, railway carriages, heavy equipments...
										



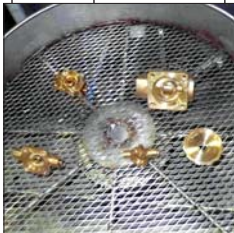
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5.	#Z103 EXCEL	Defoamed aluminium safe corrosion inhibited cleaner	Pale yellow  BEFORE	12.3-12.8	11.6 -12.0 (10%)	Very low (When used above 130°F)	Safe on all metals. (if used without water rinse, steel parts will have few days of rust protection)	10ml - 70ml/ltr  AFTER	Cabinet & Tunnel washers.	Part degreasing & cleaning in metal working, engineering & automotive industries...
6.	#Z105 AERO-WASH IV	Aircraft & aerospace equipment exterior cleaner meeting MIL- PRF - 87937 D, type IV.	Yellowish brown 	7.4 - 7.8	17.3 - 7.8 (10%)	Moderate foam	Safe on all metals aircraft paint & windows	1 : 10	Manually or through foam generator/ pressure washer, dip tanks, ultrasonic equipment.	Aircraft & aerospace equipment exteriors, Landing gears..... Meets all necessary standards & approvals.
Nb: Also available Brulin FORMULA 715N for Airport Runway tyre mark cleaning.										
7.	#Z108 BIOGENIC SE 377C	Biodegradable, rapid soil penetration and emulsification, free rinsing, advance balance, blend of D-Limonene alkaline & surfactant.	ClearYellow 	12.20	11.6 (10%) 10.20 (1%)	High	Safe on all metals meets total immersion corrosion requirement of MIL-C-85704A.	1 : 20	Use as coarse spray, through a pressure washer or in dip tanks.	Effective against all organic & inorganic soils. Efficient cleaning with a pleasant citrus fragrances.
8.	#Z113 BIOGENIC SE 372	Biodegradable, concentrated, heavy compacted grease & carbon remover.	Yellowish brown  Before  After	11.0	10.3 (10%)	Low	Safe on all metals including aluminium (undiluted), however will etch & brighten copper & brass. Diluted product could cause slight darkening of aluminium.	Undiluted / 1 : 20	Manually, dip tanks, circulation systems...	Cleaning engines, transmissions, carburetors, heavy equipment.... Combinations of grease & carbon. Best results when used as a concentrate.
Nb: Also available Brulin FORMULA 224 aggressive performance highly alkaline cleaner.										
9.	#Z109 NEUGENIC 4175	heavy duty cleaner for removing solidified oil, grease, tar, adhesives, asphalt...	Colorless 	10.5	7 - 8 (10%)	Low	Safe on all metals. including aluminium & other soft metals (use un 10% solution	Undiluted / 1 : 25 (continuous agitation required for diluted solutions).	Manually, wipe, dip/soak tank sprayer...	Cleaning heavily soiled parts, equipments, industrial floors & walls.... Best results when used as a concentrate.

II. - NON CHLORINATED SOLVENT CLEANERS & DEGREASERS

- ★ Non - Chlorinated.
- ★ High Di - Electric Strength.
- ★ Non - Corrosive.



- ★ High Flash Points.
- ★ 100% Volatile No Residues.
- ★ Odorless.

- ★ Superior cleaning & significantly reduced evaporation losses vis - a vis chlorinated solvents.
- ★ User & environment safe, excellent replacements for III, TCE, CTC & other toxic solvents.

S. NO.	DESCRIPTION	APPEARANCE	FLASH POINT	KB VALUE	DI-ELECTRIC STRENGTH	RESIDUE AFTER EVAPORATION	EVAPORATION TIME	METAL SAFETY	METHOD OF USE	KEY APPLICATIONS
1.	#Z136 SUPER ELECTROSAFE Odorless non-chlorinated solvent.	Clear / odorless liquid	144° F (TCC)	27	38 KV	VOC 100% None	25 - 30 minutes	Safe for all metals & plastics.	Use undiluted in dip tanks, wipe on / wipe-off or by coarse spray.	Cleaning electric motors, electrical equipments & electronic system...
										
2.	#Z137 QUIK SOLV Odorless fast drying non chlorinated solvent.	Clear / odorless liquid	104° F (TCC)	27	38 KV	VOC 100% None	5 - 10 minutes	Safe for all metals & plastics.	Use undiluted in dip tanks, wipe on / wipe-off or by coarse spray.	Cleaning electric motors, electrical equipments & electronic system...
										
3.	#Z134 SS 410 Parts cleaning high constant flash point safety solvent blended with lanolin skin conditioner.	Clear / odorless liquid	178° F (TCC)	32	35 KV	VOC 99.8% Negligible	30 - 40 minutes	Safe for all metals & plastics.	Use undiluted in soak & dip tanks or as a manual spray & wipe cleaner	Cleaning parts & equipment as a safe replacement for mineral spirits & chlorinated solvents. Designed for slow drying to permit superior penetration & total removal of soils.
										

III. - CARBONACEOUS DEPOSIT CLEANERS

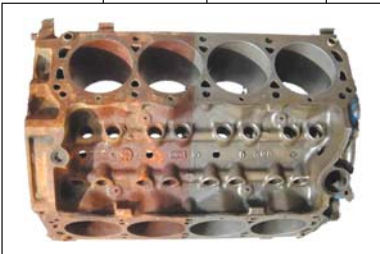
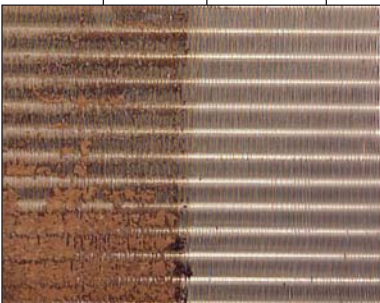

Heavy duty powdered alkaline cleaners effective in removing a broad spectrum of soils including baked & charred oils, carbon, grease, shop soils.....

S. NO.	PRODUCT	DESCRIPTION	COLOUR	ODOR	FOAM LEVEL	PH (DILUTED)	METAL SAFETY	DILUTION RATIO & METHOD OF USAGE	KEY APPLICATION
1.	#Z114 PA HD 250	Concentrated powder blend of sodium hydroxide, dispersants & non-foaming surfactant fortified with a high % of chelants	White of yellow powder	None	Low	14.0 (1 lb gallon)	Safe for all steels Not for use on aluminium alloys or galvanised metals	Designed for use in hot tanks, tunnels or batch washers. 30-150 gms per ltr of water & heating to 180°F-200°F	For the fast & effective removal fo grease, carbon, rust, scale & paint (all together) - engine block clearing, pumps, valves.....
									
2.	#Z115 PA 290	Most Versatile, non - caustic heavy duty degreaser & carbon deposit remover	Tan powder	None	Low	13.3 (1 lb gallon)	Safe for all steels. can be used to clean aluminium alloys however test before use as alloys vary	Designed for use manually, in both hot & cold tanks, power scrubbers, spray washers..... 30-150 gms per ltr of water.	Versatile multi-functional cleaner for practically any cleaning / degreasing need where a water based cleaner can be used.
									



IV. RUST, SCALE & CEMENTATIOUS DEPOSIT REMOVERS

Unique blends of inhibited / tamed complexed acids & detergents for the rapid removal fo rust, oxidation stains, lime scale, hard cementitious deposits... products have all the cleaning abilities & performance attributes of strong mineral acids but at the same time in a form which makes them far safer & more pleasant to handle & use (non - fuming, dramatically lower skin corrosivity....)

- ★ Cleaning powder of strong mineral acids.
- ★ Non - fuming. Pleasant to handle.
- ★ Non - skin aggressive. Significantly safer to use & handle.
- ★ Concentrated - dilute for economical higher metal safety.
- ★ Self foaming. Higher metal safety.
- ★ Hard water tolerant & free rinsing. Phosphate free.

S. NO.	PRODUCT	DESCRIPTION	APPEARANCE	PH (CONC.)	PH (DILUTED)	FOAM LEVEL	METAL SAFETY	DILUTION RATIO	METHOD OF USE	KEY APPLICATIONS
1.	#Z111 AC 500	Blend of tamed phosphoric acid & detergents	Viscous amber liquid 	Mild	1.7 (10%)	None	Rust inhibited (surface unrinsed). Safe for all steels. Will etch & brighten aluminium. Do not use on tin or zinc plated surfaces.	1 :5 to 1 :100.	Used manually, cold or hot dip tank immersion, circulation or applied as a foam.	Removes rust, oxidation stains, scale & light oil from steel, concrete, ceramic tile & painted surfaces.
2.	#Z112 ACIDIFOAM	Foaming complexed mineral acid cleaner based on tamed hydrochloric acid salts	Clelar pink liquid 	Bland	1.2 - 1.5 (10%)	None	Safe for all Steels including stainless steels. May be used on bronze, brass or copper, but contact times should be limited. Avoid use on aluminium or galvanised surfaces.	May be used full sterenght or diluted with water 1 : 5 to 1 : 20	Used manually, tank immersion, circulation, or through a foamer. Post neutralise.	Removes scale, rust, cementatious deposits & even many acid susceptible soils found in industrial & institutional environment. Faster acting & more aggressive than phosphoric acid.
3.	#Z118 EQC 10	Ultra strong complexed liquid acid scale remover formulated for the fast, effective removal of hardness scale, rust & mineral deposits.	Light to medium yellow liquid 	Faint To None	0.3 - 0.6 (10%)	None	Safe for all steels. Avoid use on aluminium, zinc & glavanised steels.	5 % to 20 % system volume.	Soak system 4 -8 hours. Drain & rinse system-repeatedly. Repeat acid soak if necessary. Post neutralise system water to establish an alkaline ph.	Cleans complex equipment without disassembling - heat exchangers, condensers, cooling jackets, process vessels, pipings, valves & other equipments subject to rust & hard water scale deposits.

V. RUST INHIBITORS

S. NO.	PRODUCT	DESCRIPTION	APPEARANCE	PH (DILUTED)	FLASH POINT	FILM APPEARANCE	METAL SAFETY	PERIOD OF PROTECTION	DILUTION RATIO AREAS	KEY APPLICATION
1.	#Z183 RI - 700	Liquid nitrite based alkali buffered short term indoor rust inhibitor.	Clear light brown liquid	7.5 - 8.0 (1%)	Non	Dry transparent non oily / non-soapy / non tacky film	All metals 	1 - 6 weeks indoors	Use diluted 1 : 100 with water. Apply by spray or use in a dip tank	Machined sub assemblies & parts
2.	#Z185 RI - 780	Water displacing dry film medium term indoor rust inhibitor.	Clear brown liquid	NA	110°F	Dry non tacky, non greasy film.	All metals	Upto 2 years indoors	Use without dilution in dip tank, coarse spray or by brush - on application	Indoor rust protection of machinery, tools, bearings, machined parts & other unpainted metals, packaged export shipments...
3.	#Z184 RI - 750	24 month long term outdoor rust inhibitor.	Dark brown thick paste.	NA	106° F	Thick viscous film	All metals 	2 years outdoors	Apply manually by brush or via a dip tank (Cut back to liquid using commonly available solvents) - add upto 25%	Rust protection of machinery, marine, mining, construction equipment export shipments....

VI. IMMERSION ULTRASONIC DETERGENTS & SPRAY WASH DETERGENTS

1. Formula 815GD

The Cleaning Standard in Immersion Ultrasonic Detergent

An unrivaled combination of cleanability, broad material compatibility, extensive industry approvals and recyclability produced in a safe formulation - Formula 815GD is the product of choice in most immersion and ultrasonic cleaning applications.

- **Unsurpassed Cleanability** - Recognized as the standard in immersion / ultrasonic cleaning
- **Aerospace Approved** • **Extends Bath Life** - Reducing costs • **In-Process Corrosion Control**
- **Independent Performance Documentation** - Proven quality results
- **Water-based, Dilutable Formulation** - For environmental safety and economy of use
- **"One product" Parts Cleaner** - Cleans virtually all metals including steels, aluminium and titanium
- **Transmits Ultrasonic Cavitation** - At all temperatures. • **Free Rinsing** - Cleaner parts and simplified cleaning



2. Brulin 1990GD

The Industry Standard Spray Wash Detergent

An unrivaled combination of cleanability, broad material compatibility, extensive approvals and recyclability produced in a safe formulation - Brulin 1990 GD is the product of choice in most spray wash cleaning applications.

- **Superior Cleanability** - Recognized as the industry spray wash standard
- **Aerospace Approved** • **Extends Bath Life** - Reducing costs • **In-Process Corrosion Control**
- **Independent Performance Documentation** - Proven quality results
- **Water-based, Dilutable Formulation** - For environmental safety and economy of use
- **"One product" Parts Cleaner** - Cleans virtually all metals including steels, aluminium and titanium
- **Non Foaming** at temperatures greater than 120°F(49°C) • **Free Rinsing** - Cleaner parts and simplified cleaning



VII. CITRUS HAND CLEANER

1. #Z193 ORANGE MUSCLE - HAND SCRUB

- Removes even the toughest soils
- Citrus Fragrance
- Contains emollients to soothe rough hands
- Natural & Biodegradable
- Contains pumice for non-scratching deep-cleaning strength.
- For use with or without water
- Petroleum Free



Marketed Under Licence In India By:



India's Widest Range Of World Class Maintenance Consumables

Industrial Aerosols, Environment Friendly Cleaners, High Build Solvent Free Anti-Corrosion Epoxy Coatings & Linings, Repair & Reclamation Epoxies, Anaerobics, Silicones, PUF....., Engineered Adhesives, Self-Fusing Electrical Tapes, Fire Suppression Coatings, EN Approved PPE Safety....

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