

ELECTRICAL & MECHANICAL

■ 101 Circuit Contact Cleaner

Features

- Fast drying, multi-purpose industrial and maintenance cleaner. Replaces ozone-depleting CFC's
- Effectively dissolves industrial grimes, greases, lubrication fluids, silicone, tars, adhesives & fluxes
- Evaporates quickly without any residue
- Excellent solvency cleaning power, non-conductive, non-corrosive, non-staining
- Fast evaporation, harmless to most plastics
- Multiple packages to fit different end uses

Applications

Suitable for use in electrical maintenance as a replacement for 1,1,1-trichloroethane to clean up quickly transformer oils, corrosion inhibitor compounds, silicone grease, semi-conducting paints and many other kinds of electrical grime

Package Aerosol= 400 mL; Pail= 25 L

■ 102 Contact Cleaner

Features

- Fast drying, non-residue & non-conductive cleaning formula
- Evaporates quickly, without leaving any residue
- Excellent solvency cleaning power, non-conductive, non-corrosive, non-staining, fast evaporating

Applications

Harmless to most plastics, multiple packages to fit different end uses

Suitable to clean oil, grease, dirt, and other foreign materials from precision mechanical and delicate electrical/electronic parts, energized circuits, contacts, cable cleaning and communication, motors and other electronic equipment

Note: May harm certain plastics, rubbers, It is recommended before use to test the material for specific use and exposure method.

Package Aerosol= 400 mL; Pail = 25 L



■ 103 Rust Protector

Features

- Silicone oil type multi-purpose formula that acts as rust prevention, lubricant & mould release
- Eliminates static electricity on metal surfaces, colorless & odorless. Stable against temperature changes, able to endure temperatures of 204°C and -40°C, unchanged color on long storage
- Multiple specialties in 1 package (Anti-Rust, Lubricant, Anti-Static, Non-Toxic, Non-Staining, Non-Pollutant, Mould Release Agent, Odorless & Colorless), provides extraordinary lubrication and safely protection

Applications

Used for wide applications in maintenance & protection of automotive, textile industries, food & beverage factories, shoe factories, restaurants, electronics, hotels, hospitals, etc

Package Aerosol= 400 mL; Pail= 25 L



■ 104 Electrical Motor & Part Cleaner

Features & Applications

- Non-flammable, non-conductive, non-corrosive superior cleaning & fast evaporation solvent based degreaser. It can be used while equipment, parts & electrical systems are operating without fire hazard concerns
- Unique new cleaner! Removes conductive soils that can cause dangerous electrical short circuits, dissolves & cleans grease, tar, wax, oil & other soils upon contact - and dries within minutes, leaving virtually no residue
- This new formulated product is non-staining, will not harm insulators, requires no washing or flushing. Safe for use on most metals & insulation materials
- Typical used in industrial, marine, automotive, electrical parts & assemblies such as : Antennas, insulators, switches, transmitters, moulds, controls, fuse holders, gold and silver contacts, radar equipments, motors, relays, commutators, oscillators, toolings, machineries and equipments

NOTES : Due to it's powerfull cleaning action, it may harmful to certain plastic, air-dried paints and rubber material, please applies in small area before used it

Package Aerosol= 400 mL; Pail= 25 L



■ 105 Quick 10!

Features

- 1. Lubrication:** Effectively reduces friction
Lubricating wheel's screw and tight bolts, door keys, ignition system, door hinges, spark plugs, cable connections, cable mechanism, coupling pedal, springs of car's seat, battery poles for protection against oxidation/rust, lubricates & eliminates sound from brake mechanism, shock absorber parts
- 2. Anti-Moisture:** Able to resist water and keep surface free from moisture (de-moisturizes/protects) against moisture on electronic and electric appliances
- 3. Rust Prevention:** Forms a protecting coat to prevent rust formation on spare parts surface
- 4. High Resistance to Electricity:** Non-conductive and safe for use on electrical appliances
- 5. Cleaning Function:** High cleaning power

Applications

Suitable for use as workshop equipment and spare parts cleaner for cleaning overhauled parts from rust and carbon crusts, cleans & smooths gasoline lines, carburetors, windshield wiper rotating mechanism, removes asphalt and stains stuck to car's body

Package Aerosol= 380 mL; Pail = 25 L



■ 106 High Temp Anti-Seize Compound

Features

- Metallic anti-seize contains no lead, designed to provide a protective film against rust, corrosion, galling & seizure under the most demanding conditions of heat, cold, pressure, steam, saltwater exposure, heavy loads, chemicals, pounding, and vibration in all threaded metal assemblies where an anti-seize protection is desired
- The micro-sized particles produce a smooth creamy consistency and allows it to quickly and easily coat fine threaded fasteners, small diameter fasteners all the way to large diameter fasteners
- They ease assembly and disassembly of slip-fit, press-fit, and threaded joints and reduce friction and wear on critical operating equipment. Deposits a dry film to protect against high temperatures up to 2,200°F

Applications

Typical use: Bolts, flanges, gaskets, keyway, nuts, plugs, studs, threaded fittings, sprockets and chains, valve, shafts, splines and worm gears, manifold studs and bolts, brake cams and pins, rig drives, casting equipments, winches, conveyors. Ideal for ovens, heat trolleys, kilns, stokers, or any moving parts in high temperatures.

Package Aerosol= 400 gr; Pail = 20 Kg



■ 107 Red Insulating Varnish | 108 Clear Insulating Varnish

Features

- Insulating spray for general coating impregnating and insulating electrical and electronic work with red dye (Red = 107) or without dye (Clear = 108)
- Excellent adhesion to metals, windings, coils. Air dries faster than most insulating materials. Protects surface against oil, moisture, acid and alkali
- Perfect for small field and magnet coils, penetrates old and near winding. Has excellent flexibility and water resistance. Dielectric Strength up 2,100 Volts per mL

Applications

Used for motor Winding, stator winding, transformers, ring and frames, commutator ends, bus bars, sealing electrical and electronic, switchboard parts, component, fields coils, armature.

Package Aerosol= 400 gr; Pail = 25 L

■ 109 Battery Cleaner

Features & Applications

- Special formula to clean battery pole & cable from harmful effects of moisture, corrosion, rust & dirt caused by oxidation that blocks battery & cable working power
- Following with the using of PRIMO Battery Protector will protect battery poles and cables against harmful effects of rust and corrosion for prolongs battery life

Package Aerosol= 400 mL

■ 110 Battery Protector

Features & Applications

- Special formula for protection of battery pole & cable from harmful effects of moisture, corrosion, rust & dirt caused by oxidation that blocks battery & cable working power
- Good penetration, outstanding anti-rust, perfect lubrication, prolongs battery life, will not harm plastics or rubber, high resistance to electricity
- Also widely used for cables and equipment's spare parts during storage or shipment for protection against harmful effects of rust and corrosion. Easily cleaned by solvents

Package Aerosol= 380 mL



■ 111 CD Cleaner

Features & Application

- Highest purity CD cleaner to repel dirt and dust easily and safely from the surface of CD, VCD, DVD, etc. Made with 100% distilled water and contain the new formula chemicals needed to properly clean without leaving behind residue
- Excellent cleaning effect with anti-static agent for protection and longer clear effect. Spray or dispense several drops onto a clean, folded PEC*PAD and lightly wipe CD surface in a single direction until the liquid gets dried
- Refold pad to expose a clean side and re-wipe as necessary. Other soft tissues may not recommended, and some experimentation may be required

Package Bottle = 60 mL; 100 mL; 250 mL



■ 112 Lens Cleaner

Features & Applications

- The highest purity lens cleaner made with 100% distilled water & contains new formula chemical needed to properly clean multi-coated filters, camera lenses, traditional digital sensors, spectacles, telescope & all critical optics without leaving any residue
- It's new high quality formula repels dirt and dust easily & safely, contains disinfectant, anti-fogging & anti-static agent for protection & longer clear effect. When used with PEC*PAD photo wipes, it is possible to clean only the portion of lens which is dirty eliminating "hazy swirls"
- Dispense several drops onto a clean, folded PEC*PAD and lightly wipe surface in a single direction. Refold pad to expose a clean side and re-wipe as necessary

Package Sprayed Bottle= 60 mL; 100 mL, Bottle= 250 mL



▪ 113 PC Monitor Cleaner

Features

Highest purity, bio-degradable formula, non-toxic, non-flammable, non-corrosive, colorless and transparent multi purpose Computer PC & Monitor Cleaner to clean dirt, dust and stain easily and safely without leaving any residue

Applications

Blocking of harmful electromagnetic waves from PC and Monitor, protection of electrics, electronics and precision equipments against static, prevention of PC speed down. It's multi purpose uses, that make it suitable to clean PC Monitor, PC games, TV, VTR and surface of electronic (casing), telephones, computers, facsimiles, photocopiers, refrigerators, washers, desk, sound systems, musical instruments. Also can be used to remove dirt and mild stain on the interior and exterior of car, cleaning of plastics & tiles surfaces

Package Sprayed Bottle= 60 mL; 100 mL, Bottle= 250 mL



LUBRICANT & METAL WORKING FLUID



▪ 222 Super Slick Lube

All Purpose Lubricant, Anti-Friction, Anti-Oxidant, Rust Protector, Penetrant, Anti-Noise in 1 Bottle. ALMOST ZERO FRICTION !

Features & Applications

- The most SMART LUBE with **NIB (NANO IONIC BOND)** given effect 10x lesser wear and 3-5x longer protection than conventional lube & penetrating oil
- Extremely reduces friction and wear, protects, lubricates & loosens rusted wheel's screw, tight bolts, door keys, ignition system, door hinges, spark plugs, cable connections, cable mechanism, coupling pedal, springs of car's seat, eliminates sound from brake mechanism, bearings, shock absorber parts
- Lubricates battery poles for protection against oxidation/rust, chains and sprockets, machine tools, metal working, cutting, tapping & drilling equipments, paper & printing equipments
- Effective to help broken bearing is still running before being repaired/changed, the nano lubricant bond to metal as an anti-friction to stop squeaks
- Smooths and cleans overhauled parts from rust and carbon crusts, gasoline lines, carburetors, windshield wiper rotating mechanism
- Removes asphalt, gum and stains stuck to car's body and hard surfaces
- Widely used for house hold maintenance, motorcycles, automobiles and also in high temperature applications, extreme pressure (load bearing metal to metal), mining equipment, rock drilling, armaments, trucking industry, robotics, industrial lubrication, bicycling, tractor & farm, racing activity, etc
- Contains none of the following: Silicone-PTFE-Graphite-Moly-Teflon-Copper-Lead-absolutely No Metals & Harmful Solvents

Package Aerosol= 300 mL



ALMOST ZERO FRICTION!
10x lesser wear &
3-5x longer protection
than conventional lube & penetrating oil



LOGAM
TIDAK AUS

LOGAM
MENJADI AUS

■ 223 Penerust

Multi function oil in 1 bottle with extra rust & corrosion inhibitor.

Features & Applications

- 1. Extra rust & corrosion prevention:** Forms a protecting coat to prevent rust formation on spare parts surface
- 2. Lubrication:** Effectively reduces friction on wheel's screw and tight bolts, door keys, ignition system, door hinges, spark plugs, cable connections, cable mechanism, coupling pedal, springs of car's seat, battery poles for protection against oxidation/rust, lubricates & eliminates sound from brake mechanism, shock absorber parts
- 3. Anti-Moisture:** Able to resist water and keep surface free from moisture (de-moisturizes/protects) against moisture on electronic and electric appliances
- 4. Cleaning Function:** High cleaning power, suitable for use as workshop equipment and spare parts cleaner for cleaning overhauled parts from rust and carbon crusts, cleans & smooths gasoline lines, carburetors, windshield wiper rotating mechanism, removes asphalt and stains stuck to car's body

Package Aerosol= 300 mL; Pail= 25 L



■ 224 Silicone Food Machinery Spray

Lubricant No Melt, Colorless, Odorless, Anti Static, Non-Conductive

Features & Applications

- Wide range working temperature from -40°C up to 204°C. Non-conductive, anti-static, eliminates static electricity on metal surfaces. Colorless & Odorless. Non-sticky, acts as Mould Release Agent
- Used for wide applications in maintenance & protection of processing equipments, automotive, textile industries, shoe factories, restaurants, electronics, hotels, hospitals, such as for mould release agent, cutting equipment, slicing equipments, hinges, bolts, oven chain conveyors, roller & belt freezer, slide, gears, electrical sliding contact, switch, relay, circuit breaker, feeder, busbar connection, fuse, battery terminal
- The characteristic in reducing heat, makes it suitable to reduce over heat at electrical equipments and equipments works in high temperature area. Suitable for the material such as Cooper, bronze, aluminium and containing cadmium.
- Excellent anti oxidation, prohibits the build up of carbon oxide and sulphide that will caused electrical resistance, overheating and sparking.

Package Aerosol= 400 mL; Cup = 500 gr; Pail= 15.86 kg

AEROSOL (Non toxic liquid silicon oil, colorless and acts as multi purpose lubricant)

CUP & PAIL (Multi-purpose, white color lubricant in grease form, no melt at high temperature)

■ 225 Silicone Grease

Lubricant Food Grade, No Melt, Colorless, Odorless, Non Staining, Anti Static

Features & Applications

- Multi purpose, no melt silicon food grade grease. Wide range working temperature from -40C up to 204C. Non-conductive, anti-static, eliminates static electricity on metal surfaces. Colorless & Odorless. Excellent wear and rust protection which prevents both chemical and electrolytic corrosion
- Used for wide applications in food & beverage processing equipments, beverage bottling plants, potato chip plants, meat processing plants, canneries, poultry processing plants and other food processing plants, automotive, textile industries, shoe factories, restaurants, electronics, hotels, hospitals, etc
- Also suitable for mould release agent, cutting equipment, slicing equipments, hinges, bolts, oven chain conveyors, roller & belt freezer, slide, gears, electrical sliding contact, switch, relay, circuit breaker, potentiometer, feeder, busbar connection, fuse, battery terminal. where safety food grade lubricant is needed

Package Cup = 500 gram; Pail= 15.86 Kg

■ 226 Lithium Grease Spray

Features & Applications

- Multi-purpose Lithium soap type lubricant grease used as spray type for easy handling especially for the equipment found in hard to reach area
- Widely used as lubricant for hinges, chain, universal joints, pins, bushings, cams, bearing, splines, bars and slides on passenger cars, motorcycles, trucks, boat trailers, machines, grinders, tools, printing presses, shovels, textile machinery, concrete mixing machinery, pumps, centrifuges, crushers, plastic injection molding machines, blow molding equipment and other applications requiring spray type greases

Package Aerosol= 400 mL; Pail= 15.86 Kgs

■ 227 Hi-Temp Grease Spray

Features & Applications

- High temperature and heavy duty lubricating grease formulated with Lithium Complex soap base, premium quality base oils, rust and corrosion inhibitors and complex additives that make this grease excellent work-shear stability, resisting both softening and hardening of the grease during use
- Easy to handle with aerosol spray type. Excellent reduces wear due to the presence of effective extreme pressure and anti-wear agents

Package Aerosol= 400 mL; Pail= 15.86 Kgs

■ 228 Food Grade Grease

Features & Applications

- High technology grease formulated from food grade paraffin based oil and food grade thickener with various food grade additives such as anti corrosion, anti wear, tackiness agent
- High temperature performance, which resists melting and leakage from bearings operating at elevated temperatures, excellent rust protection and water resistant, making it suitable for use in wet application
- Multi purpose food machinery grease for many various applications – a reduction in inventory to use in food & beverage processing equipments, beverage bottling plants, potato chip plants, meat processing plants, canneries, poultry processing plants and other food processing plants, automotive, textile industries, shoe factories, restaurants, electronics, hotels, hospitals, etc

Package Aerosol= 400 mL; Pail= 15.86 L

■ 229 Thread Compound with MOS₂

Features

- High quality compound contains high dry solid anti-wear lubricant Molybdenum disulfide (MOS₂)
- Contains no lead or zinc and it will deposits a dry film of MOS₂ to plate and protect metal surfaces up to temperatures of 1800°F. In addition to the galling and seizing protection provided by the solids, also contains soluble extreme pressure package which is surface active (adheres to metal surfaces) and helps to provide the load carrying capability required by the high bearing stresses present in rotary-shouldered connections
- Withstands extreme weather conditions, highly water resistance, does not form abrasive residue at high temperatures, excellent to reduces friction and protects against rust and corrosion. Used for all threaded metal assemblies where long term thread and pitting rust and corrosion protection is required

Applications

Recommended for use in casings, tubings, line pipes, bolts, fittings, flanges, keyways, nuts, plugs, studs, unions, valves, etc. Ideal for ovens, boiler, heat trolleys, kilns, stokers, or any moving parts in high temperatures and also in all drilling applications (rotary-shouldered connections) including high temperature environment

Package Cup= 500 gr, Pail= 15.86 Kgs

■ 230 Super Tack Chain Lubricant Spray

Features & Applications

- **State-of-The-Art** lubricating spray contains synthetic lubricants, corrosion inhibitor, tackiness agent and anti-wear ability with NIB (Nano Ionic Bond additive), which significantly reduce metal to metal contact between the chain, wires and cables during operation while the rust and corrosion protection within the core, adjacent wires & exterior surfaces
- Extends the service life of chain, wire ropes & cables over a wide range of temperatures and working conditions
- Formulated with high tackiness agent forms a strong adhesive film to keep the lubricant in place and provides higher resistance to water abrasion and washout when used in tidal areas

Package Aerosol= 400 mL; Pail= 18.9 L

■ 233 Gear & Cable Compound Spray (Adhesive, Super Long Life, Bituminous)

Features & Applications

- Black adhesive bituminous lubricant for all open gear systems, wire rope, chain & drive hoists, bushes and sliding applications
- Due to aerosol spray package, it's easier to penetrate and left the adhesive lubricant on the surface which is enough to prevent friction, corrosion and make the product economical to use

Package Aerosol= 400 gr

■ 240 Metal Cutting Oil

Features & Applications

- All purpose lubricant and coolant for metal working fluid. Provides maximum lubricity for ferrous and non-ferrous metal machining
- Reduces downtime, sharpens needs and extends tool life. Easy to spray hard to reach areas for more complete coverage
- Contains anti-rust & corrosion inhibitor and extreme pressure for maximum protection and lubrication used in drilling, grinding, boring, broaching, reaming, threading, milling, turning, facing, gear cutting, automatic screw machines and pipe threaders

Package Aerosol= 400 mL; Pail= 25 L

■ 241 Mould Release Agent MP

Features & Applications

- This simple Silicon Release Agent is a stable mould release agent at high temperature
- For use in plastic moulding industry, thermoplastic resin such as polystyrene, polyethylene, AS, ABS, polypropylene, methyl methacrylate, polycarbonate, nylon and polyacetate, also as mould release agent for thermosetting resin such as phenol, urea, melamine, unsaturated epoxy polyester, rubber, etc
- Does not impair adhesion of any decorative materials. Non-toxic, noncorrosive and does not build up on mould or cause lamination

Package Aerosol= 400 mL

■ 242 Mould Release Agent (Paintable ~ Silicone Free)

Features & Applications

- Heavy-duty silicone formula gives multiple part releases per application, specifically formulated as anti-stick lubricants for molded materials such as plastics, rubber, waxes, and similar materials
- Simply spray on molds for fast, easy part removal and multiple part releases per application
- Allows molded parts to be painted, plated, labeled, or bonded after molding in most applications

Package Aerosol= 400 gr

■ 244 Mould Cleaner (Fast Clean, No Residue, Safe on most plastic, rubber, metal)

Features & Applications

- Effectively cleans moulds at room temperature without wiping. Removes silicones, grease, oil and wax build-up on mold surfaces, etc
- Leaves no residue, so it cleans without wiping. It's fast-evaporating formulation helps maximize the productivity our operation. Contains no ozone depleting chemicals. Non-chlorinated. No methylene chloride
- Recommended for use on molds at room temperature. No Chlorofluorocarbons(CFC's). Extremely flammable

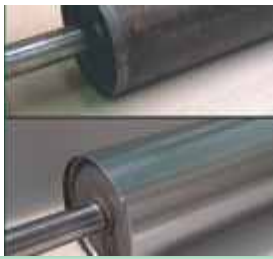
Package Aerosol= 400 gr

■ 245 White Spintex (Spindle oil, colorless, emulsion with water)

Features & Applications

- Selective chosen highly stable viscosity index white paraffin spindle oil with modern formulation containing emulsifier easily cleans out the unwanted dirt contaminant
- Multi purpose colorless lubricant for lubricating spindles of spinning, twisting frame found in textile industries, sewing machines, also as a multi purpose lubricant for lubricating bearings in high-speed machine tools, keys, door hinges, connections mechanism, coupling pedal, toys, springs of car's seat, etc.

Package Bottle= 60 mL, 100 mL, 250 mL, 1,000 mL; Pail= 5 L, 25 L



PROTECTIVE COATING



■ **301 Rust Pro HD (Long life Temporary Rust Preventive)**

Features

- Safe, effective and economical metal rust preventive
- This corrosion preventive leaves a soft brown color translucent non-running oil coating on the metal surface upon drying
- Easily cleans with solvents. Even though it does not wash off with water after semi drying, a simple water soluble alkaline cleaner or such as PRIMO 401 MULTI PURPOSE CLEANER will easily and completely remove it
- Compatible with lube oil so it does not need to be removed from internal parts before assembly

Applications

Recommended to use for machineries and parts during storage and shipping packages will be cleaner and more presentable

This product has excellent corrosion performance of over 2000 hours humidity performance, over 336 hours salt spray and 6 to 12 months for indoor parts

Package Pail= 25 L, Drum= 200 L

■ **302 Rust Pro Eco (Economical Water based Rust Preventive)**

Features & Applications

- Economical water based temporary rust preventive coating designed to prevent rust to metal parts due to high humidity
- This water based corrosion prevention product contains consists of non-toxic organic inhibitors formulated with water-based polymer, dries to a thin clear film and no cleaning is needed prior to processing
- Can be easily applied by dip coating, spray or brush. Clear barrier coating prevent rust on all types of steel and aluminum for 1 to 2 months depends on the humidity
- Suitable for use on: metal processing such as producing filters, machine parts and temporary stocking

Package Aerosol= 400 mL; Pail = 25 L

■ **303 Rust Peel Coat (Peel off Rust Preventive Coating)**

Features & Applications

- Preventing corrosion with an anti-rust barrier coating for indoor storage or shipping that easily peels off without the need for alkaline cleaners, harsh solvent removers or paint strippers
- Simply works to stop rust by preventing moisture and oxygen reach metal surface
- The rust inhibitor system used in this water based coating will give excellent corrosion resistance from moisture, salt spray and other corrosive environments
- Dries to a flexible firm coating that will not abrade under normal handling and packaging conditions
- If used as final shipping coating, it will not get that undesirable oil stained look that is often seen from oil based anti rust prevention product
- This rust preventive coating will not re-emulsify once drying period has taken place
- Contains no solvents or VOC's, non-toxic, non-flammable, non-hazardous to the environment
- Ready to use and dries to the touch in 2 to 4 hours. Dry time for ready to use will depend upon thickness, humidity and drying temperature. No cleaning is needed prior to processing
- Apply with a sprayer, brush or roller. Peel coat covers 250 sq. ft. per gallon leaving a 3 mil dry film. The standard product is clear but white and other colors are available upon request.

Package Pail= 25 L; Drum= 200 L

▪ **304 HardWaxCoat (Hard wax Coating Rust Preventive)**

Features & Applications

- Translucent, scratch resistant, hard wax rust & corrosion protection coating that is a clean and extremely effective rust inhibitor system provides two to three times the protection compared to the average rust preventative coating and is excellent as a sealant over black oxide and phosphate coatings because it seals out corrosion and enhances the color of the finish
- It can also be used on bare metal surfaces for long term storage or overseas shipment. Once applied, it will not drain off parts or wick off into packaging materials
- It can be applied to wet or dry parts by dip coating, brushing or low-pressure spraying. The thin-bodied liquid rapidly penetrates recessed areas and displaces moisture from metal surfaces
- It dries in 10-30 minutes leaving a dry-to-the-touch, hard wax film of 1.5-2.0 mils thickness
- Ideal to protect bare metal, finished metal parts, including tooling, fixturing, dies, toolholders, milling cutters, sprockets, ornamental fixtures, virtually any metal part subject to rust and corrosion

Package Pail= 25 L, Drum= 200 L

▪ **305 Rust Stopper (Rust Converter)**

Features & Applications

- Synthetic polymeric formula that converts existing rust into a moisture free, black protective coating
- Reacts with the iron oxide, converting it to iron tannate, a stable blue/black anti-corrosion. Cost effective treatment, safe to use rust control system, the finished surface can be painted
- For use on rusted metals in: structures, machineries, equipments, vehicles, railings, marine applications, and more

Package Pail= 5 L, 25 L, 200 L

▪ **306 Zinc Coat (Zinc Coat Galvanizing Compound)**

Features & Applications

- Repairs and substitutes hot-dip galvanizing and metalicone. Superior rust preventive with heat resistance up to 250°C
- Welding can be done without removes coating film
- Can be used as finished paint or ready to be painted. Fast drying rust stabilizing primer for all light to heavy rust surfaces
- Used on automotives, refineries, power plants, minings, transmission towers, fences, gutters, bridges, structural steels, farm equipments, damaged galvanized surfaces, highway & marine maintenance, etc

Package Aerosol= 400 gr

▪ **307 Anti-Rust Coating (Epoxy Surfacer, Primer, Coating)**

Features & Applications

- Acts as primer or finish coat, industry standard for high performance rust protection on all vintage truck and auto underbody surfaces including frames, floor boards, engine compartments, trunk areas, under fenders, fire walls, rocker panels, behind bumpers and public works facilities
- Extensively used on snow and ice removal equipments, marine barge and oil field maintenance.
- Great for metal roofs, steel truck rims and to rejuvenate tired, rusting chain link fence. Suitable for interior and exterior iron and steel.

Package Aerosol= 400 gr

▪ **310 High Heat Protective Coating (Silver)**

Features & Applications

- High Heat Coating is a heat cured, silicone resin, modified with an alkyd and reinforced with 325 mesh extra fine aluminum flakes, a thermally stable acrylic resin and inorganic pigments
- This combination allows the product to have superior color stability to 500°F (260°C) as compared to most generic silicone acrylic topcoats, which tend to discolor at elevated temperatures
- Rapid air dries, an ambient temperature cure coating system and does not require heat cure. Able to withstand for service temperatures between 500°F - 1,000°F
- For use over prepared steel surfaces in high temperature environments such as boilers, breechings, exhausts, heat exchangers, piping, stacks and industrial mufflers. Available in both silver color and other custom colors

Package Aerosol= 400 gr; Pail= 20 L

▪ **316 SS 316 Stainless Steel Coating Agent**

Features & Applications

- Provides maximum rust and corrosion resistance on metal, chrome, ceramics and metals surfaces
- Very highly resistance to chemical attack, abrasion and corrosion
- Used for exhaust, steam pipes, mufflers, radiators, engines, production equipments, furnaces, ovens, plumbing fixtures, chemical processing equipments, etc

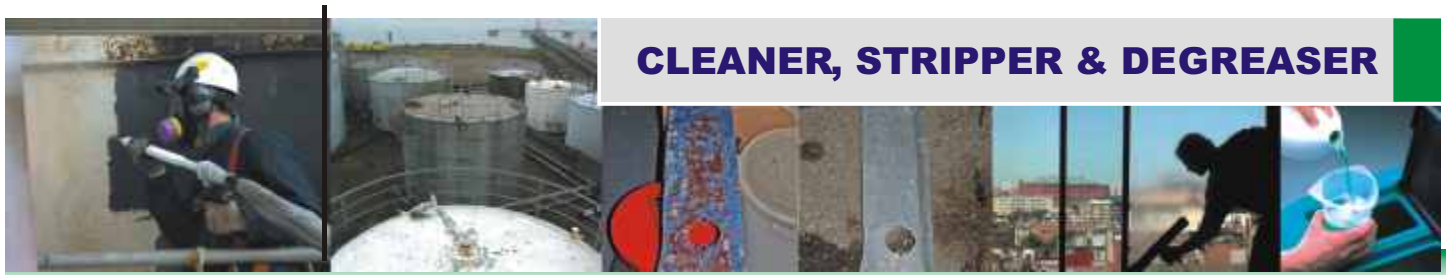
Package Aerosol= 400 gr

▪ **320 Water Proofing Protective Coating**

Features & Applications

- Bitumen has unique waterproofing properties, due largely to its impermeability and lack of reactivity, which make it an ideal sealant for many civil engineering, property and waterproofing applications including canal lining, waterproofing block work & concrete structures, reservoir lining, waterproofing mastic flooring, dam construction, sea wall construction, treatment of water tanks, coastal groynes, lining leisure lakes, etc
- One great advantage of bitumen is that it can be laid on a dam or reservoir face in a continuous manner, thus eliminating joints which can become points of weakness and leaks
- This product can be applied under water making it suitable for in-situ repairs where drainage is not possible

Package Pail= 20 Kgs, Drum= 180 Kgs



CLEANER, STRIPPER & DEGREASER

▪ **401 Multi Purpose Cleaner & Degreaser (Water Based)**

Features & Applications

- Unique blend multi-purpose environmentally safe cleaner and degreaser which delivers maximum cleaning power, biodegradable, non-flammable, highly concentrated and economical
- Dilution ratio with water is available from 1:1 to 1:20
- Used for restaurant (kitchen, floor), heavy duty equipment, part & washer, lawn, auto, plane, boat, greasy engine surface, janitorial/sanitation, manufacturing machineries, oil rig, factories, farm equipments, etc

Package Pail= 25 L, Drum= 200 L

▪ **402 Heavy Duty Fat & Grease Dissolver (Water Based)**

Features & Applications

- Breakthrough heavy fat, grease and soil quickly on engines, mowers, tools, bicycles, garden and farm equipment, condenser coils, ship machinery, garage floors, asphalt drives and much more
- Biodegradable - made with the environment consideration, contains no petroleum solvents or acids, non-flammable, gentle to hand, non-combustible, no caustics, no fumes or unpleasant odors, aqueous-based, versatile and economical. Dilution ratio with water is available from 1:1 to 1:30

Package Pail= 25 L, Drum= 200 L

▪ **403 Solvent Cleaner & Degreaser**

Features & Applications

- Clean the carbon, dirt, stain, oil residue and greasy from engines, parts and all metal surfaces
- Very fast action - evaporates instantly, powerfully penetrates surface pore and non hazardous
- Easily spray direct on to object to be cleaned until the dirt loosen, no need to wipe off. Don't inhale the vapor, keep away from children, professional use only

Package Aerosol Can : 400 ml ; Pail = 25 Litres, Drum = 200 Litres

▪ **404 Tar & Gum Remover**

Features & Applications

- Designed for the removal of tar, gum and other sticky compounds from metal, floor tiles and paving flags
- Effectively removes adhesive labels from glass, wood, painted surfaces and plastics

Package Pail= 5 L, 25 L

▪ **405 Paint & Gasket Remover**

Features & Applications

- Removes paint, sealant, gasket cement, enamel, lacquer, varnish and adhesives easily, leaves surface clean, ready for re-painting or installing new gasket
- Effective on metal, glass, concrete, stone, ceramic tile and other hard surfaces
- Apply approximately 3-5 minutes on the surface, remove the peeled film with wire brush or scraper, flush with water and/or wipe off the surface with wet cloth and after dried, wipe off again with clean cloth

Package Pail= 5 Kgs, 20 Kgs

▪ **406 Rust Remover & Metal Conditioner**

Features & Applications

- Cleans metal surfaces from rust and oxide and makes the metals looks new
- This industrial & heavy duty metal cleaner contains corrosion inhibitor acts as metal conditioner to prevent any further corrosion for almost all metal
- Use smooth brush to brushing the metal surfaces until all the rusted area cleaned. Flush with warm water on to surfaces after cleaned
- Use glove to protect hand while using. Professional used only for industrial, marines, airports, trains, buses. Not for food preparation surfaces and home uses

Package Pail= 5 L, 25 L

▪ **407 Metal Cleaner & Polisher (Paste)**

Features & Applications

- Cleans and polishes stainless steel, aluminum, chrome, bronze, glass, ceramics, porcelains, tiles, fiber or most hard surfaces from oxide, dirt, streaks, smudges, greasy stains and shines the surface to looks new
- Contains scrubbing agent to give maximum cleaning and formulated with oxidized acrylic coating, leaves a clean and high gloss protective film on the treated surface, offers excellent performance
- Used on high-end stainless steel and chrome surfaces like those found on modern kitchen appliances, sinks, grills, faucets, fixtures, counters, trashcans, toasters, backsplashes, and more
- Also provides an anti-static surface that resists dust, water spots & fingerprints

Package Bottle= 250 mL, 5 L

▪ **408 Metal Cleaner & Brightener (Liquid)**

Features & Applications

- Clean stainless steel, aluminum, chrome or most metal surfaces from oxide, dirt, streaks, smudges, greasy stains and make the metals looks new
- This industrial & heavy duty metal cleaner contains corrosion inhibitor acts as metal conditioner to prevent any further corrosion for almost all metal. Keep out of reach of children
- Use smooth brush to brushing the metal surfaces until all the stain removed. Flush with warm water on to surfaces after cleaned. Use glove to protect hand while using
- Professional use only, for industrial metal cleaner, marines, airports, trains, buses. Not for food preparation surfaces and home uses

Package Pail= 5 L, 25 L

▪ **410 Carbon Remover**

Features & Applications

- Removes and loosen carbon, sludge, varnish, gasket in engines, combustion chambers and carburetors
- In case of long baked carbon, brushing and wiping is required

Package Pail= 25 L

▪ **411 Dip Tank Cleaner (Solvent Based Oil Tank Cleaner)**

Features & Applications

- Solvent base formula to clean & remove oil tank from oil residue, sludge, varnish, gum, carbon & other unwanted contaminant
- Effectively used on crankcase of engines, gearboxes, hydraulics, fuel tanks, metal working machines, etc

Package Pail= 25 L, Drum= 200 L

▪ **412 Oil Tank Cleaner (Water Based)**

Features & Applications

- Water based cleaning formula, removes oil tank from oil residue, sludge, fat, varnish, gum, carbon and other unwanted contaminant
- Economical water dilution ratio ability 1:1 to 1:10 depends on the tank's condition. Warm the formula to 60°C will increasing the cleaning performance. Tanks should be air dried before re-use/fill

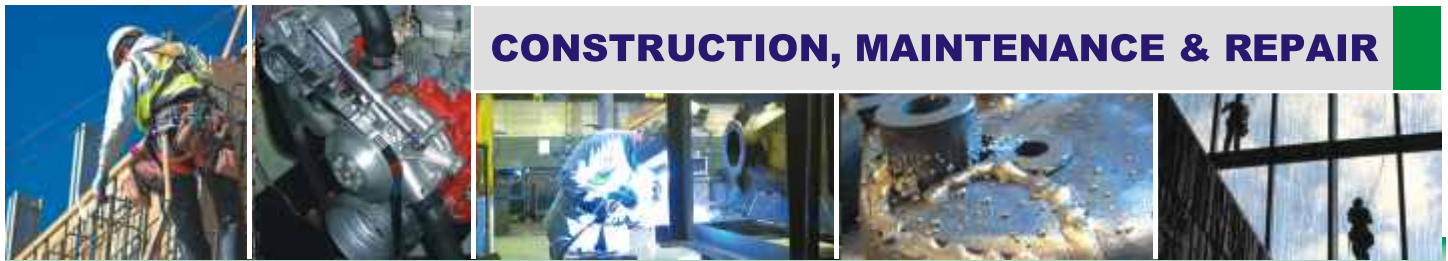
Package Pail= 25 L, Drum= 200 L

▪ **413 Turbine & Fan Mist Cleaner**

Features & Applications

Ready to use water-based turbine and fan cleaner that effectively and powerfully cleans and removes dirt, stain, oil & grease residues by continuously spraying through "mist spray equipment"

Package Drum= 200 L



CONSTRUCTION, MAINTENANCE & REPAIR

▪ **501 Belt Dressing**

Features & Applications

- Special chemical formula to increase fan belt's holding power, prolong belt's life, prevent slip and eliminate squeaking sound caused by belt slip while fan is running
- Extraordinary function, acts as belt cleaner, softener & holder; lengthens belt life including synthetic rubber such as tire tubes, prevents cracking and increases transmitted power by reducing slippage
- Safe and does not contain dangerous material, will not harm rubber & belt, provides immediate and longer holding power, stronger holding power on pulleys for increased and maximum fan belt performance
- Very suitable for car's fan belts and also widely used for fan belt, V-belts and conveyors in industries, workshops, boats, driving machines in hotels, shopping malls, hospitals, etc

Package Aerosol= 380 gr; Pail= 20 Kgs



▪ **502 Free Spot: Welders Anti Spatter**

Features & Applications

- For use when welding all metals and alloys. Prevents spatter adhesion, keeps metal surface clean and maintains clean shrouds and equipment
- This aerosol is easily removable and has no adverse effect on painting and coating processes

Package Aerosol= 400 mL; Pail= 25 L

▪ **503 Nozzle Paste**

Features & Applications

- Keeps MIG & torch nozzles clean by prevents spatter adhesion. Extends the operating life of sensitive components of torches & MIG nozzles
- For use when welding all metals and alloys. This paste product is easily removable

Package Cup= 500 grams

▪ **510~511~512 Crack Detector System**

(Cleaner ~ Penetrant ~ Developer)

Features & Applications

Is a NON DESTRUCTING TEST (NDT), easily find cracks and other faults fast, convenience, and no waste application

1. Easily clean the metal surface from dirt, oxide, oily & greasy with CLEANER.
2. Spray PENETRANT and allow time to set. Wipe excess PENETRANT from surface with clean cloth.
3. Spray on thin layer of white DEVELOPER.
4. Visual inspection. Red cracks and other faults will appear in white DEVELOPER

Package Aerosol= 400 mL

▪ **513 Stainless Steel Burn Work Remover (Liquid)**

Features & Applications

- Removes burn mark, weld scale, heat tint, ferric oxides, chlorides, rust, corrosion, water scale and other surface contamination from metal that leaves the weld and heat affected zone chemically and visually clean
- Suitable for all grades of stainless steel, aluminum, including many high performance alloys and titanium to maximize surface finish and corrosion resistance
- Liquid type, easy to handle by brush allows uniform coverage of metal with excellent penetration. Strong and fast acting. Will not affect surface finish. Non residual, cost effective
- Water dilutable & rinsable. Also as all purpose acidic detergent for cleaning and brightening aluminium. Not for use on chrome or polished aluminum, bronze, copper

▪ **514 Stainless Steel Pickling (paste)**

Features & Applications

- Advanced pickling paste for the removal of weld scale, heat tint, ferric oxides, chlorides and other surface contamination that leaves the weld and heat affected zone chemically and visually clean
- Suitable for all grades of stainless steel, aluminum, including many high performance alloys and titanium to maximize surface finish and corrosion resistance
- Paste type allows uniform coverage of tanks and vessels with greater safety and reduces run-off and wastage. Strong and fast acting. Will not affect surface finish
- Non-residual, cost effective. Also as all purpose acidic detergent for cleaning & brightening aluminium. Not for use on chrome or polished aluminum, bronze, copper

Package Cup= 500 gr; Pail= 20 Kgs

▪ **515 Concrete Remover**

Features & Applications

- Biodegradable, non-flammable hydrochloric acid/phosphoric acid base Concrete Remover Liquid, delivering real cleaning power without the corrosion to equipment such as concrete mixers, trucks, screeds, power buggies or for just cleaning tools, penetrates hard set up concrete immediately
- Will not harm paint, rubber, plastic seals, chromium. aluminum, and glass. Will remove heavy accumulations of concrete
- With proper protection, as safe to use as a strong detergent. Contains phosphoric acid which provides a phosphitized film to help prevent rusting
- Use at 1;1 or 1;2 with water for concrete and cement removal, use at 1:6 with water for truck and cab washing. Simply spray on concrete and cement residues and let it work for 15 to 20 minutes or until residues are soft. Then brush or scrape off. This product works great with pressure washers too

Package Pail= 25 L, Drum= 200 L

▪ 516 Environment Glass Cleaner

Features & Applications

- Environmental Glass Cleaner is biodegradable fast-acting cleaner that leave glass surfaces sparkling. Eliminates fingerprints, smudges, dust, road film and surface smears
- Specifically developed to be non-hazardous. Butyl free. Available with a pleasant lemon scent or scent free
- Recommended use: windows, mirrors, showcases, windshields & other glass surfaces. Also effective & safe for use on metal, stainless steel, finished wood, porcelain, counter tops, appliances, plastics, fiberglass, vinyl, leather, laminated surfaces, synthetic carpets & most hard, non-porous surfaces such as: office equipment, copy machines, vehicle interiors, windshields, counters, chalkboards & fixtures

Package Pail= 25 L, Drum= 200 L

▪ 517 Graffiti Remover

Features & Applications

- Removes stubborn graffiti quickly and easily. Cleans unwanted marks of spray paint, inks, crayon, rubber heel marks, biro marks, dissolves gums and glues
- Safe to use on most hard surfaces such as ceramic, tile, brick, aluminum, steel, brass, chrome, vinyl in rest room, walls, bridges, buildings, overpasses, windows, doors, signs, etc

Package Aerosol= 400 mL; Bottle= 5 L; Pail= 25 L, Drum= 200 L



▪ 601 AC Foaming Disinfectant Cleaner (Indoor)

Features

- Heavy-duty, water-based, disinfectant foaming coil cleaner designed to remove stubborn grease, grime and chloride build up that can accumulate on refrigeration and A/C coils, clean out bacteria, mold, spores, fungi, and nicotine oils that can cause foul odors
- Reduces allergy problems and respiratory illness related to breathing bacteria, mold, spores, and fungi. Non-corrosive, safe on all types of metal
- Its foaming and penetrating action ensures proper coverage and cleaning of finned areas. Routine cleaning of coil surfaces using PRIMO AC FOAMING DESINFECTANT CLEANER will help ensure maximum efficiency of refrigeration and air conditioning units

Applications

Recommended uses: all refrigeration and A/C coils, coolers, freezer engines, HVAC units, motors and machinery Economical, 1 Aerosol can cleans for 5 unit indoor AC cleaner. Available with a pleasant lemon scent or other scent

Package Aerosol= 500 mL; available in non-foaming & non aerosol, packaging in Pail= 25 L

▪ 605 AC CLEANER (Out Door)

Features & Applications

- Safe and effective acid cleaner compounded with a comparatively safe acid, strong detergent and solvents to provide a fast 3 way cleaning action that will penetrate deeply into the surface and will dissolve, dislodge the surface from easy removal of dirt, oil, grease, stain, scum, rust, oxide, cement drippings and waste from the outdoor unit AC
- The unit should be cleaned or flushed with (warm) water after cleaning. Contained corrosion inhibitor to prevent any further corrosion for almost all metal
- Since AC CLEANER contains acid and other strong cleaning agents, it should be used with care. Protects eyes, skin and surrounding areas
- User should make a test sample, allowing it to dry thoroughly to determine it's suitability for job conditions and requirements
- From most surfaces and job conditions AC CLEANER should be diluted with 1 to 10 parts of water. Tough stains and hardened mortar may require full strength

Package Pail= 25 L; Drum= 200 L



WATER TREATMENT & CIRCULATION SYSTEM



■ 700 Swimming Pool Algaecide

Features & Applications

- Liquid additive that eliminates green, black and blue-green algae slime from pools, outdoor spas and decorative fountains. This additive kills and prevents the development of algae slime in pools, exterior spas and decorative fountains. Also disinfects & sanitizes pool surfaces while keeping the water clear and free from visible algae
- Safe for use with most commonly used pool chemicals, will not affect the pH-level of pool water, and also reduces the overall chlorine demand by eliminating the algae

Package Pail= 25 L, Drum= 200 L

■ 702 Boiler Water Treatment & Conditioner (Scale & Corrosion Control)

Features & Applications

- All in one boiler water treatment, mixture of polymeric anti-scale, dispersant and corrosion inhibitor to ensure the effective control of scaling and corrosion in boiler to prevent boiler deposits
- The formulation contains complex phosphates used to precipitate soluble hardness from the boiler water
- Complex phosphates are superior to normal phosphate used in boiler water treatment as they will minimize formation and fouling in boiler feed-water lines
- The scale and sludge inhibitor designed primarily for steam boilers to prevent build-up of deposits of hardness or of iron and other metallic oxides originating from corrosion of condensate systems
- The catalyzed oxygen scavenger designed primarily for steam boilers to prevent pitting and general corrosion. This product will effectively prevent oxygen corrosion in boiler system

Package Pail= 25 L, Drum= 200 L

■ 703 Cooling Water Treatment & Conditioner (Scale & Corrosion Control)

Features & Applications

- Special designed formula to prevent scale deposits and corrosion on metal surfaces. This liquid contain scale inhibitor, sludge conditioning, corrosion inhibitor based on nitrate, borate, organic corrosion inhibitors and special dispersant in order to prevent deposits in closed cooling systems
- This liquid is highly effective corrosion inhibitor for all common used ferrous and non-ferrous metals
- Compatible with anti-freeze products based on mono/diethylene glycol. This liquid does not attack non-ferrous metals like aluminum, zinc or galvanized materials

Package Pail= 25 L, Drum= 200 L

■ 706 Micro Biocide Control

Features & Applications

- Water treatment micro biocide which is specially formulated to provide a surface active product that can clean and penetrate microbiologically-fouled surfaces
- Effective in controlling slime-forming and sulfate-reducing bacteria, fungus and algae. The ease of handling and high potency of this product facilitates its use in re-circulating cooling tower, air washer systems, re-circulating process water and closed loop cooling systems

Package Pail= 25 L, Drum= 200 L

■ 709 Liquid Descaler

Features & Applications

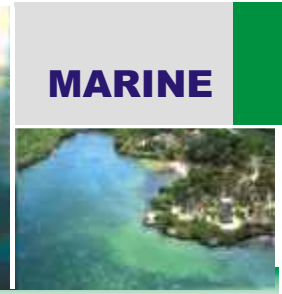
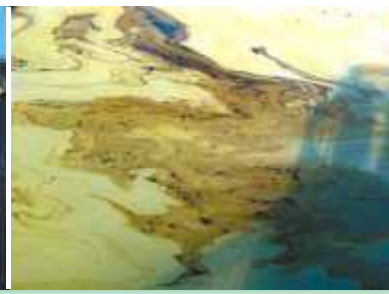
- Safely dissolves mineral deposits faster than any other liquid descaler on the market. This biodegradable cleaner will quickly dissolve calcium, lime, rust, lithium carbonate and other types of deposits from passages in water cooled or heated equipment. Safe for use on steel, iron, brass, copper, plastic and rubber
- When used as directed, it will help to improve the operating efficiency and extend the life of your equipment
- Fortified with powerful low foaming, wetting and penetrating agents and superior corrosion inhibitors, it is ideal for use on boilers, chillers, condensers, heat exchangers, oil coolers, cooling towers, furnaces and water piping systems
- It may also be used in on-line and off-line cleaning programs. Warmer water and good agitation during application will require less product usage

Package Pail= 25 L, Drum= 200 L

INDUSTRIAL STRENGTH CLEANER & MAINTENANCE CHEMICALS

Environmentally Safe Cleaner And Degreaser ~ Biodegradable & OZONE Friendly





■ 870 OSD 70 (Oil Spill Dispersant)

Features & Applications

- Sophisticated system for the rapid and effective dispersal of oil spills, the product is highly concentrated
- Once applied the oil particles are then divided and separated forming a readily degradable microscopic emulsion
- Dilute 1 part with 10 parts or 1 part to up to 30 parts for lighter oil condition with sea or fresh water then spray directly onto the oil
- Vigorous agitation should follow the application (for example by using boat propellers, high pressure hose and surface breaker booms). Warmer water and good agitation during application will require less product usage

Package Drum= 200 L

■ 873 Rig Wash

Features & Applications

- Safe & strong multi-purpose cleaner and degreaser with a quick break action
- Contains superior performance & safety of biodegradable cleaning formulas, high-grade wetting and penetrating agents that power out stubborn soils (grease, oil, drill muds, etc) from washable surfaces, and provides sheet rinsing action for a non-slippery finish. And, its unique "emulsifying" feature clings to vertical and hard-to-reach surfaces
- Apply by brush or spray directly onto soiled areas. Allow 5 minutes for the product to work and then rinse off with hot or cold water at, ideally, 80 - 100psi. Dilution able with water from 1 part of Rig Wash to 10 parts of water and up to 30 parts of water for lighter oily surfaces condition
- Great for use on platforms, struts, pipeline, pumps, compressors, engines, equipment, machinery, vehicles, tools, bare or painted metals, concrete, rubber, plastics, laundry, etc — all water-safe surfaces

Package Pail= 25 L, Drum= 200 L



HEALTH SKIN CARE – HAND CLEANER

■ 901 Refresh Handsoap (Economical Hand Cleaner, refresh & deodorize the skin)

Features & Applications

- Ready-to-use liquid hand soap that's more sanitary than bar soaps, enhanced with a skin care system for mildness, leaves skin soft and comfortable, pleasant fresh scent for deodorize the skin
- The low cost, safe formula makes this hand soap an excellent choice for any refillable soap dispenser. DOESN'T contain harsh chemicals that dry out skin
- Recommended use: Hotels, hospitals, patient rooms, nursing homes, health care facilities, clinics, schools, offices, child care centers, restaurants, retail, transportation and other public facilities

Package Pail= 25 L, Drum= 200 L

■ 902 Anti-Bacterial Handsoap

(Biodegradable, Antibacterial, refresh/deodorize, skin conditioner)

Features & Applications

- Formulated with skin conditioners to increase mildness while providing rich lather. This versatile product is gentle to the skin, biodegradable and pleasant to use
- Contained anti-bacterial, the most effective way to stop the spread and actually kill the germs and bacteria. Blended with pleasantly fresh scene of citrus, leaves hands smelling fresh and clean. DOESN'T contain harsh chemicals that dry out skin
- Recommended use: hotels, hospitals, patient rooms, nursing homes, health care facilities, clinics, schools, offices, child care centers, restaurants, retail, transportation, household, other public facilities, industrial, garden and even safe enough for children

Package Bottle= 60 mL, 100mL, 150 mL, 250 mL, 1000 mL; Pail= 25 L; Drum= 200 L

■ 905 Instant Sterile Handsoap

(Waterless, premium anti-septic with moisturizer)

Features & Applications

- Waterless, sterile, anti-microbial, premium anti-septic liquid hand soap. This thick, luxurious soap is made from the finest grade of coconut oil enhanced with exclusive skin care systems to help moisturize hands as it cleans
- Unlike other liquid and bar soaps, this product sanitizes the hands as they are washed with an anti-microbial agent that reduces transient bacteria on the skin. This unique hand soap offers superior cleaning power
- Available with green tea, citrus, lemon, aloe vera pleasant fragrance or without fragrance
- Recommended use: food processing, hotels, hospitals, patient rooms, nursing homes, health care facilities, clinics, schools, offices, child care centers, restaurants, retail, transportation and other public facilities

Package Bottle= 60 mL, 100mL, 150 mL, 250 mL, 1000 mL; Pail= 25 L; Drum= 200 L

■ 910 Fast Sterile Handscrub

(Heavy Duty, Waterless with Scrubbing Agent + Antibacterial and Citrus Essence)

Removes dirt, grease, grime, paint, ink, glue, tar, asphalt, adhesives, varnish

Features & Applications

- Getting really dirty hands clean is easier and safer than ever before with a new non-toxic, non-hazardous and complete hand cleaning formulas
- Waterless handscrub, making it easier, no water needed to flush, sterile with antimicrobial, premium antiseptic combined with scrubbing agent to easily removes dirt, grease, grime, paint, ink, glue, tar, asphalt, adhesives, varnish and virtually everything else from hard-working hands
- Independent laboratory tests conclude that anti-bacterial contained in this formula kills 99.9% of five most common germs come in contact everyday
- Available in green tea, citrus, lemon, aloe Vera pleasant fragrance that leaves hands smelling fresh and clean
- Used by the automotive, airline, marine, railroad, printing, mining, drilling, jewelry industries, and also used at home by people who work in their garages, gardens and on construction projects

Package Pail= 25 L, Drum= 200 L