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PRODUCT INFORMATION

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RB DEGREASER - NO FOAM

RB DEGREASER-NO FOAM (RBD-NO FOAM) is a concentrated, heavy duty, industrial cleaner. It is a synergistic blend of surfactants, emulsifiers, wetting agents, alkaline builders, corrosion inhibitors, anti-deposition and rinsing aids. RBD-NO FOAM quickly lifts oils, grease and other soils from metal and other hard surfaces. Cleaned surfaces are easily rinsed free of any film or residue and ready for painting, plating or packaging. Maximum metal protection is provided and RBD-NO FOAM is non-corrosive to most metals including polished aluminum, zinc and brass.

HOW IT WORKS: RBD-NO FOAM is a multi-purpose, multi-functional product which must be diluted with water before using. The dilution ratio depends on the application (see back side). The working solution chemically breaks the molecular chain of hydrocarbons so that all deposits of oil, grease, carbons and other soils embedded in the pores of any surface are emulsified into a water soluble solution and easily rinsed away. The no foam feature dramatically reduces the foaming action typically associated with aqueous alkaline cleaners. To activate this feature, the solution temperature must be 140°F minimum. RBD-NO FOAM performs well in hard or soft water. It has a mild, non-citrus odor.

APPLICATIONS: RB DEGREASER-NO FOAM is an effective solvent replacement for cleaning metals and other hard surfaces such as plastics, rubber, tile and cement. It rapidly removes oils, grease and soils as well as surface residues such as adhesives, fluxes and carbon smut. RBD-NO FOAM is applied by soaking, spraying, dipping, wiping and brushing. It is used in soak tanks, parts washers, pressure washers and other cleaning equipment. Agitation increases its effectiveness.

ENVIRONMENTAL FEATURES: RB DEGREASER-NO FOAM is non-toxic, non-flammable and non-combustible. It contains no solvents, no petroleum additives, no halogens, no caustic soda and no butyl. It is safe, easy to use and meets all OSHA and EPA standards. RBD-NO FOAM is not hazardous to workers and the environment. It is biodegradable and compatible with sewer discharge requirements.

The environmental formulation allows for easy treatment of spent solution. Oils/Grease/Soils stay emulsified during normal agitation. When agitation stops - complete separation occurs within 1/2 hour. Fats, oils and grease rise to the surface for easy skimming and removal.

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ADDITIONAL INFORMATION ON RB DEGREASER - NO FOAM

DILUTION RATIOS: The following dilution ratios* (RBD-NO FOAM:Water) are suggested for the listed cleaning equipment

Soak Tanks 1:10	Parts Washer 1:10	Floor Scrubbers 1:50
Ultrasonic Cleaners 1:20	Steam Cleaners 1:100	Electrocleaners 1:10
Dip Tanks 1:10	Vapor Degreasers 1:10	Vibratory Deburring 1:10
Pressure Washers 1:50	Tumblers 1:10	

* NOTE: These suggested dilution ratios are a starting point. Keep in mind RB DEGREASER - NO FOAM must be diluted and is not made stronger by using less water. It is more effective and works faster when heated or used on a warm surface. A little experimentation will help determine the optimum dilution ratio and temperature for a specific application.

DILUTION & WATER QUALITY

RB DEGREASER-NO FOAM is water activated and must be diluted water. It is important to remember that the condition of the water used for diluting RBD-NO FOAM will affect the results.

- Hard water (exceeding 25 grains of hardness) may cause deactivation of the surface active agents and, if used for rinsing cleaned parts, cause stains on the cleaned surface. Also, the higher the concentration of total dissolved solids (TDS) the more likelihood of foaming.
- We recommend the use of decationized (soft) water or deionized (DI) water for the initial dilution and evaporative make-up. This will result in longer life of the cleaning solution, more effective cleaning and better rinsing - especially when DI water is used for rinsing.

FOAMING: Remember - the NO FOAM feature of RB DEGREASER-NO FOAM is only activated when the solution temperature is 140° F, or higher. However, the product can be used at lower temperatures for some cleaning applications where foaming is not a concern.

PRODUCT LIFE: The useful life of RB DEGREASER- NO FOAM can be extended significantly by following these suggestions:

- Remove contaminants in cleaner baths by filtering the solution. Media filters, diatomaceous earth filters, centrifuges and skimmers are effective for this purpose. If foaming occurs when circulating RBD-NO FOAM through a filter, check the pump to make sure air is not being drawn into the suction. Also be sure the pump is properly sized and does not churn the solution or cavitate.
- When tap water is used for dilution or evaporation make up, chlorides and other salts will build up rapidly and decrease the useful life of the RBD-NO FOAM bath. Use softened or deionized water.
- The pH of the solution can be used as an indicator of solution strength. After the initial preparation of the bath, check the pH value and record it. This value is the set point. Whenever the pH value decreases - add RBD-NO FOAM concentrate to the working solution to achieve the pH set point. When the set point value can no longer be maintained, it's time to replace the bath.

DISPOSAL: RB DEGREASER-NO FOAM is 100% biodegradable and compatible with sewer discharge requirements. RBD spent baths must be disposed in accordance with regulatory requirements.