



AEROGREEN 4150 Immersion Degreaser

AEROGREEN 4150 Immersion Degreaser is for use in Immersion and Ultrasonic Degreasers, Spray cabinet washers, Adjulift parts washers, Glove box washers and Hot & Cold standard parts washers. The product cleans virtually all metals including steels, aluminum & titanium prior to painting. It is an ideal product to use for large batch and parts cleaning.

Immersion-Ultrasonic Degreasers: There are three types of immersion systems: Cavitation (Adjulift), Ultrasonic and Solution Turbulation. They provide complete immersion in recessed areas in contact with **Aerogreen 4150**. High frequency sound waves produce an intense microscopic scrubbing action at the surface of the substrate. The energy released (produced by millions of microscopic bubbles imploding in the cleaning solution) heightens chemical reactivity and strips away contaminants from the surface of the substrate. High velocity agitation of **Aerogreen 4150** around and through the parts. The up/down motion swirls the solution over surfaces dispersing the dirt and contaminants.

Spray Cabinet Washers: Spray cabinet washers are designed to clean large parts that are placed directly on a retractable turntable or batches of small parts loaded in baskets. This heavy-duty industrial parts washer combines pressure, heat and **Aerogreen 4150** to clean and degrease parts to spec within minutes.

Standard Parts Washer: There are many types of standard aqueous parts washers designed to use **Aerogreen 4150** to replace the use of Stoddard solvent parts washers in maintenance shops, garages, and tool shops. These parts washers are designed specifically for aqueous cleaners such as **Aerogreen 4150**. These washers are engineered and developed to be low maintenance and cost effective for years of trouble free parts cleaning service.



Parts Washer



Spray Cabinet Washer



Ultrasonics



Dip tanks, Adjulifts



Technical Information

Aerogreen Product Number

4150P- 5- Gallon Pail
4150D-55- Gallon Drum
4150T275-275 Gallon Tote
4150T330-330 Gallon Tote

Product Description:

AEROGREEN 4150 immersion Degreaser is a concentrated, water soluble cleaner manufactured for the use in immersion tanks, parts washer cabinets and other equipment designed to clean and degrease a wide variety of industrial and commercial parts.

Features:

Can be used in cold or hot tanks
Oil separator compatible
Can be diluted up to 15%

Benefits:

Wide range of applications
Minimize inventory of extra cleaners
Labor savings

Application Guidelines:

Heated Immersion Tanks:

Follow equipment manufacturer's specified procedures. Dilute water with **AEROGREEN 4150** as follows: Light soils - 3-6%, Medium soils - 6-10% and Heavy soils - 10-15%. Set the temperature to 140-190F. Set the timer for the cleaning cycle as follows: Light oils and greases - 5-10 min; Medium oils and greases - 10-20 min; Heavy oils and greases - 20-45 min. For intricate parts, add an additional 10 minutes to the cycle. The oil skimmer should be set to come on after the machine has cooled down. The daily Ph reading should be no lower than 8.5. If this occurs, the solution should be adjusted back to the normal Ph using a proportioner or manually. As new water is added as make-up, add the diluted solution one gallon at a time to make up for loss due to drag out and evaporation. Rinse all parts then dry with forced air or hand wipe with clean cloth.

Cold Water Immersion Tanks and Cold Water Parts Washers:

AEROGREEN 4150 is diluted with water for use in parts cleaners in the same manner as solvent cleaners. These processes are specified by the equipment manufacturers. Heat is not required. The oil-splitting properties of **AEROGREEN 4150** provides for a much extended bath life compared to solvents. Dilute 4:1 for light soils (4 parts water to one part #4150); Dilute 3:1 for medium soils; Dilute 2:1 for heavy soils.

Specifications:

• Readily Biodegradability	100%
• Flammable -Combustible	No
• SCAQMD Certified	Yes
• Contains Terpenes	No
• Caustics	No
• pH @ Concentrate	12.0-12.3
• pH @ 1-3 dilution	11.0-11.9
• Density lbs. /per gal	8.34 lbs/gal
• Color/Characteristic	Clear/Liquid
• VOC SCAQMD 313.91 Concentrate	47 g/l
• VOC SCAQMD 313.91 Diluted 2:1	15 g/l

SAFETY/CAUTION: Rubber gloves are recommended to prevent drying of the skin. Goggles are recommended to protect eyes if splashing is expected. When heated above 125 F, mechanical or local ventilation is required. When using product in steam cleaning and/or pressure washing applications wear a rain suit and boots to keep clothes dry. Harmful if swallowed. Avoid getting into eyes. If contact occurs, flush with running water. If irritation persists, get medical attention. May cause dryness of skin with prolonged use, wash hands with cold water and apply a hand lotion.

Industrial Use