

TECHNICAL DATA

NUGEAR SC

HEAVY DUTY CLEANER

NuGear SC is a heavy-duty aqueous cleaning compound for aircraft engine and component degreasing operations. NuGear SC can be used for hand cleaning as well as in hot immersion tanks and spray cabinets. It has been specifically developed for superior wetting & penetration for engine shop operations, provides safe and effective cleaning at economical cost while conforming to stringent water, air and environmental regulations.

- Exceptional Cleaning Power Through Special Selection of Surfactants, Wetting and Emulsifying Agents
- Economical Heavy Duty Cleaning
- Safe to All Aircraft Components
- Formulated for use in Hot Immersion Tanks & Spray Cabinets
- Contains No Alkaline Salts
- Contains No Phosphates and is Completely Biodegradable
- Rinsing and not Affected By Hard Water
- Replenishable Concentrate Formula for Ongoing Bulk Use
- Conforms to Airframe OEM standards and specifications to include engine OEM manufacturers: Pratt & Whitney, Rolls Royce and General Electric for engine overhaul operations

PHYSICAL CHARACTERISTICS

- **Appearance:** Yellow, free-flowing liquid
- **Odor:** Mild
- **pH:** 11.8 – 12.5 @ 25°C
- **Solubility:** Infinite in water
- **Flash Point:** None
- **Specific Gravity:** 1.01 @ 25°C



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INSTRUCTIONS FOR USE

Always refer to appropriate OEM Overhaul Standard Practices Manual for specific procedures for the use of NuGear SC.

For Normal Cleaning – Hand Cleaning Local Application: Dilute 1:4 – 1:10 with water, depending upon condition. Apply to surface in shallow wash tank, or by mop or spray. Loosen surface material with non-metallic bristle brush, reapplying Nu- Gear SC solution continuously. Agitate to loosen soil followed by water rinse. Reapply if necessary. Wipe dry with terry towel.

Heavy-Duty Cleaning/Hot Immersion Tank/Spray Cabinet: Use concentrate or a 1:4 dilution depending upon manufacturers Standard Practices Manual requirements. Allow to soak at 140 to 170°F (60 - 77°C). Effective concentration can be maintained with periodic addition of fresh NuGear SC.

When using Nuvite products, please use recommended procedures and equipment. For further product information, and technical support, consult a Nuvite Representative at 800.394.8351

HEALTH AND SAFETY

Users should follow good safety procedures, including wearing of gloves and goggles along with other standard safety procedures. Refer to Safety Data Sheet for further health and safety information.

AVAILABILITY

NuGear SC is available in 1 quart, 1, 5 and 55 gallon containers, and 5000 gallon tank wagons.

This technical data sheet is offered in good faith without warranty or representation solely for the buyer's use in the evaluation of this product. It is the responsibility of the buyer and end user to determine the data and safety information with respect to applicable laws, regulations, and the fitness & character of this product prior to full scale use. UNIVERSAL PHOTONICS and or NUVITE CHEMICAL COMPOUNDS (seller) assumes no legal liability for any injury, accident, loss, or damage through the use of this product of which such uses are beyond seller's control.nugearsc.10.16.td