



# Nuvite Chemical NuGear SC (1 USG) Technical Datasheet



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## Product Description

Nuvite's heavy-duty engine & component cleaner.

Formulated for use in hot immersion tanks & spray cabinets Safe to users and all aircraft components Environmentally friendly & completely biodegradable

### **DIRECTIONS FOR USE:**

Hand Cleaning/Local Application:

Dilute 1:4-10 with water. Apply to surface in shallow wash tank or by mop or spray. Loosen surface material with a non-metallic bristle brush, reapplying solution continuously. Follow with a water rinse, reapply if necessary. Wipe dry with a terry towel.  
Heavy Duty Cleaning/Hot Immersion Tank/Spray Cabinet:

Use full strength or dilute 1:4-1:5 with water depending on manufacturers Standard Practices Manual requirements. Allow to soak at 120-140 Fahrenheit (49-60 C) Effective concentration can be maintained with the periodic addition of fresh NuGear SC.  
OEM & Airline Approval

GE, Honeywell, Pratt & Whitney, Rolls Royce, Embraer, American

Sold in 1 US Gallon bottles. (3.78 Lt)

PLEASE NOTE, THERE IS 2 – 4 WEEK LEAD TIME ON BACKORDERS

**Commodity Code:** 3402905030

## Approvals

- ATSMF945 (Standard Test Method for Stress-Corrosion of Titanium Alloys by Aircraft Engine Cleaning Materials)
- AMS 1650

## OEM & Airline Approvals

- General Electric
- Rolls Royce
- Honeywell
- Embraer
- Pratt & Whitney
- American

Product Description.

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.

#### Core Benefits.

- 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.

#### Directions 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 170oF (60 – 77oC). Effective concentration can be maintained with periodic addition of fresh NuGear SC.

#### Health & 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.

#### Safety & storage.

Full guidance on the handling and disposal of this product is provided in a separate Safety Data Sheet (SDS). Only for professional users/specialists. Store in original closed containers away from extremes of temperature.

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