ANTIFREEZE

POSSIBLE AREAS OF CONCERN

Antifreeze typically contains ethylene glycol. However, other formulations have been developed recently using fewer toxic chemicals. Used antifreeze may contain low concentrations of toxic metals such as copper, zinc, lead, cadmium and chromium. Refer to the SDS for specific hazards.

CHARACTERIZATION

Used antifreeze is considered a non-hazardous industrial waste.

HANDLING PROCEDURES

Step 1 Place used antifreeze in HM Return area or poly drum (located in SCU) provided by the PPOC.

Step 2 Ensure the container is marked with words "Used Antifreeze" before adding any used antifreeze. Container must be closed unless adding or removing used antifreeze.

Step 3 Make sure 55-gallon containers are in the proper secondary containment unit (SCU). SCU must be located in an area accessible to the pick-up truck. Keep drum and SCU closed except when adding or removing contents. Locking is not required, but it will help to keep SCU closed and from becoming contaminated.

Step 4 Call **PPOC Used Antifreeze Pick Up** to schedule a pick-up of the used antifreeze. Allow up to 72 hours for pick up. PPOC personnel will come to the unit location and remove full drum and supply an empty replacement.

NOTE: **Do not use POL contaminated drip pan to drain antifreeze, keep used antifreeze as clean as possible. If antifreeze is contaminated with oil, contact PPOC Support to get additional guidance**

NOTE: **If not using 55-gallon poly drum, place 5-gallon container in the return locker**.

NOTE: **DO NOT MIX ethylene glycol (green) antifreeze with propylene glycol (pink or red) antifreeze in the same drum. Contact PPOC Antifreeze Support to get additional guidance.**



Antifreeze 1, 5, and 55 gallons

GENERAL INFORMATION

The PPOC manages used antifreeze for the installation, providing on-site testing and recycling. The PPOC's recycling efforts have led to the same antifreeze being utilized, recycled, then re-issued. This provides the soldier with a serviceable product that meets all Commercial Item Description (CID) specifications at a reduced cost. **Recycled antifreeze is not pure product, it is already premixed with water to a 50/50 mixture, Do not add additional water. Contact PPOC Services for assistance.**