

MCB Camp Pendleton Environmental Standard Operating Procedure



14 August 2018

Used Antifreeze

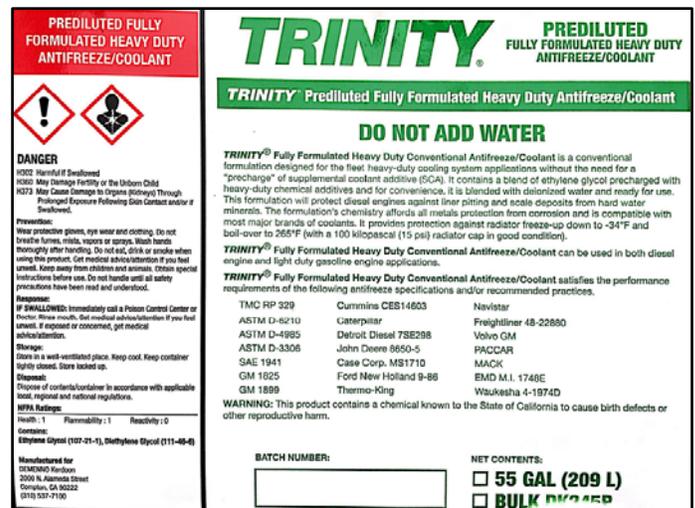
Antifreeze is an additive which lowers the freezing point of a water-based liquid. Antifreeze contains ethylene glycol, which is considered a hazardous waste in California. Management of hazardous wastes are subject to federal, state, and local laws and regulations.

On Marine Corps Base Camp Pendleton, used antifreeze is collected and recycled off-site by a contractor. Since it is not recycled on-site, it must be managed as a hazardous waste and is subject to containerization and accumulation standards.

Follow the management procedures below for proper management and disposal of used antifreeze.

Management Procedure

1. Store used antifreeze in a Department of Transportation (DOT) approved container (typically a 55-gallon poly drum) or an approved above ground storage tank.
2. Affix a hazardous waste label to the container upon placing the first drop of antifreeze into it. Identify the contents on the label as “antifreeze” and mark the satellite or accumulation start date depending on the storage location. The attached hazardous waste label can be printed out, placed in a document protector or zip lock bag, and taped to the container.
3. Do not mix used antifreeze with any other substance. This will render it unrecyclable. If the antifreeze is contaminated with another substance, mark the label “antifreeze c/w XXX”, where “XXX” is the other substance. For example, “antifreeze c/w oil.”
4. Have available a new poly container for the recycled antifreeze to be delivered by the contractor in exchange for pickup of the used antifreeze. The container should be equal to or greater in volume to the amount of used antifreeze being removed by the contractor. The contractor will place a self-sticking label with “pre-diluted antifreeze/coolant” on the container.



5. Do not use drums emptied by the antifreeze recycling contractor for receipt of new antifreeze due to possible contamination and degradation of the product.
6. Contact Environmental Security (Hazardous Waste) at 760-725-4375/9742/1963/0213 or PNDL_ENV-Hazardous-Waste@usmc.mil for any additional information or for assistance with disposing of used antifreeze.

References

1. Hazardous Waste Management for Marine Corps Base Camp Pendleton (MCIWEST-MCB CAMPENO 5090.7A)

Use and Version Control: Camp Pendleton uses Environmental Standard Operating Procedures (ESOPs) to augment instructions contained in official orders and directives and, where necessary, to provide for sufficient control of the installation's significant practices. Camp Pendleton maintains the authoritative, current version of this and other ESOPs on the Camp Pendleton website at:

<http://www.pendleton.marines.mil/Staff-Agencies/Environmental-Security/>

HAZARDOUS WASTE

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE NO. _____

SATELLITE ACCUMULATION _____ ACCUMULATION _____

START DATE _____ START DATE _____

CONTENTS: _____

HAZARD CLASS: IGNITABLE REACTIVE CORROSIVE TOXIC

PHYSICAL STATE: SOLID LIQUID OTHER