



Product Data Sheet

Product Name: Carbonil NF

Description: Our popular Carbonil hydrocarbon encapsulator without any fragrance. This product immediately lowers LEL and VOC levels in tanks (above and UST) with its unique non-hazardous formula. Excellent for use where no fragrance is desired during tank cleaning or in sensitive areas. In addition to hydrocarbons, this product has seen great success in controlling emissions for EDC (Ethylene Dichloride).

Product Uses & Applications		Application Instructions	
Tank Cleaning		Dilution Rate	Up to 30 times with water
LEL Control		Typical Dilution	5:1 with water
Line Cleaning		Special Instructions	None.
Spill Control (Ground & Soils)		<u>When using in a scrubber system:</u>	
Rail Car Cleaning		Make sure to use a de-foaming agent such as Vapor Tech's Si-Foam 10 when using this product in a scrubber. Typical application is 3/4 gallon of de-foamer to 400 gallons of solution needing foam control. Add as needed to keep foam to a minimum.	
Hazardous Information		Packaging Information	
Specific Hazard	Eye and skin irritant	Available Quantities	5,30, 55, and bulk quantities
Flash Point (°F)	Above 220	Packaging Material	Poly
Biodegradability	Excellent	<u>Other Information:</u>	
pH	10.7	Do not let product freeze.	
Unusual Hazards	None		
Other Information	None		

Case Study & Application Information (For Carbonil Line of Products)

March 10, 2002 South Texas Plant Operation

Carbonil used at major south Texas Chemical plant in one of our rental scrubbers to remove EDC vapors. Inlet concentration was 2400 ppm @ 500 cfm. Reading on outlet of scrubber was 23 ppm. Total reduction was 99%. The remaining 23 ppm went into our carbon unit which removed the remaining EDC (<1 ppm).

May 15, 2009 Freeport Chemical Facility

Carbonil was re-circulated throughout an Aniline tank to safely capture aniline heel in the tank. Carbonil was diluted with water until it reached a 5% solution. This solution was then injected into the tank and allowed to circulate for 2 days. The product was then pumped out of the tank and the process was repeated. After the second treatment the customer was very satisfied that the aniline was removed according to their specifications. They were extremely pleased that no emissions issues occurred since they had one of Vapor Tech's mobile scrubbers on-site pulling a vacuum on the tank the entire time.

Visit us on-line at www.vapor-tech.net

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