



SPECIALTY ENVIRONMENTAL CHEMICALS AND EQUIPMENT

# CARBONIL XT

## DESCRIPTION:

Super-concentrated hydrocarbon encapsulation chemical agent. Carbonil XT chemically binds with hydrocarbons and other oil-based chemicals. This product greatly reduces LEL levels within 12 hours of application (60% reduction within 30 minutes usually). Excellent for use as a pre-treatment for tanks needing entry with high LEL. Moderate cleaning capabilities. Contains deodorant. Moderate foaming capabilities.

## PRODUCT USES & APPLICATIONS

- Tank Cleaning
- LEL Control
- Hydrocarbon Stripping
- Spill Control
- Fire Prevention

## APPLICATION INSTRUCTIONS

Dilution Rate	1:5 to 1:20 with water
Set Time	30 minutes to 24 hours
Special Instructions	Warm water helps stripping

**Special Instructions:** For scrubbing applications, make sure product has been treated with defoaming agent.

## HAZARDOUS INFORMATION

Specific Hazard	Eye and skin irritant
Flash Point (°F)	Above 220°
Biodegradability	Excellent
pH	10.5-11.5
Unusual Hazards	None

## PACKAGING INFORMATION

Available Quantities	5, 30, 55 and bulk quantities
Packaging Material	Poly
Other Information	Do not let product freeze.

## CASE STUDY & APPLICATION INFO

### March 12, 2002 South Texas Plant Operation

Carbonil XT was used during an EDC tank cleaning operation to lower LEL in a storage tank. Carbonil XT was diluted 1:15 with water and then applied to tank walls. Eight hours later LEL was less than 1% and the tank was safely entered.

### August 2016: Robinson, IL Refinery

Carbonil XT was being used in one of Vapor Tech's SST-40 packed column vapor scrubbers at a refinery in Illinois. Vapors were being emitted from an oil-water separator. Customer was using straight carbon to control vapors prior to installing the Vapor Tech scrubber using the Carbonil XT chemical media. Customer informed Vapor Tech they have been saving over \$12,000 per week in carbon media related costs. System is now permanently installed into the process due to the cost savings.