

## Gold Crew Line of Products

Products to address:

Petrol, Oils and Lubricants (POL)

Fats, Oils and Greases (FOG) *and*

Volatile Organic Compounds (VOC)

**Environmental Chemical Solution's** proudly introduces today's Gold Crew line of products for today's working environment. With over 35 years of exceeding industry expectations, Gold Crew's line of extremely effective products are meeting today's industrial needs while mitigating tomorrow's environmental concerns.



The Gold Crew technology brings together the environmental needs of regulatory compliance with the industry's expectations for effectiveness. Gold Crew's products are cost competitive, internationally supported and remain the premier name in value.

### **Accelerate for Bioremediation**

Gold Crew's Accelerate is a micro-solubilizing agent that increases the interfacial surface of the naturally occurring bacteria to the hydrocarbon contaminant thus yielding quicker results in bioremediation projects. This action also supports the nutrient amendment's achievement of increasing the bacterial growth. These two actions manifest into a rapid mineralization of the target contaminant. The Accelerate formulation attains a solubilization as biosurfactants do, allowing the naturally occurring bacteria to metabolize a hydrocarbon molecule. Effective in landfarming, secondary spill cleanup, or subsurface biodegradation enhancement

*This product comes in ready to use, or concentrate.*

### **Release for Groundwater Cleanup**

Gold Crew's Release Desorption Agent is for insitu soil washing applications. Release allows for a fast mass removal of entrained hydrocarbon in smear zones while promoting biodegradation of residuals.

The surface tension reduction allows for the entrained hydrocarbon to be moved through the smear zones and removed in a high vacuum extraction (HVE) action.. Hydrocarbon entrained in the smear and capillary zones is allowed to move in the water phase where conventional treatment technologies (HVE, BioSlurping, etc.) can effectively remove the target compound. Release can dramatically increase the efficiency in pump and treat projects.

*This product come in concentrate.*

## **Vapor Lock**

This blend of suppressing agents applies with any water applicator (Water truck, agriculture sprayer, pressure washer, hydro blaster, etc.) NOT A FOAM but a long lasting solubilizer. Use for suppressing vapors in tanks and on soils during excavations or turnarounds. Gives long term suppression. Increases worker safety.. Increases efficacy in tank degassing applications. Use in pipeline repair, tank entry, surface spills, vaults and more. Excellent for odor control from organic breakdown.

*This product comes in ready to use, and concentrate.*

**Gold Crew P<sub>2</sub>** line of cleaning agents is designed to give you the effectiveness of a solvent, the gentleness of a dishwashing detergent and the bio-enhancing ability of a biosurfactant. The Gold Crew P<sub>2</sub> lines of cleaning products are designed for use in field environments where not only the cleaning agent must be environmentally sensitive but so should the resulting effluent. Use on tanks, Bilges, floors, equipment and more. Excellent on stainless steel. Will not effect paint or aluminum.

*This product comes in ready to use, and concentrate.*

**Gold Crew OSD Dispersants** remain the mainstay for use in subtropical and tropical waters. Gold Crew was the first Type II water based dispersant listed on the USEPA's NCP Product Schedule but was removed when testing favored dispersant application from aircraft. Gold Crew OSD remains a dispersant of choice throughout the sub tropical oil producing world. Especially designed to be effective in shallow water applications and is excellent in deep-water environments.

*This product comes in ready to use, and concentrate.*

**Gold Crew SW** is an EPA NCP listed surface washing agent used for the cleanup of oils in and around navigable shoreline waterways. Releases oils entrained in vegetation, rocks and cobble. Allows for recovery while minimizing shoreline intrusion. Use on inland waterways and ravines or shoreline application.

*This product comes in concentrate.*

In USA, local OSC approval may be necessary.

*Gold Crew SW is on the U.S. Environmental Protection Agency's NCP Product Schedule. This listing does NOT mean that the EPA approves, recommends, licenses, certifies or authorizes the use of Gold Crew on an oil discharge. This listing means only that data have been submitted to EPA as required by subpart J of the National Contingency Plan, 309.915.*