

Odor Neutralizing Infantry



NWC's Odor Neutralizing Infantry: Chemical Neutralizers

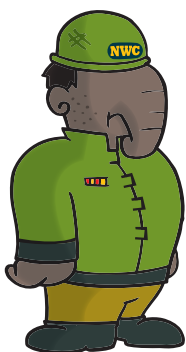
On the ground or in the air, your New Waste Concepts Infantry combatants are your best weapon for fighting industrial strength odors. The odor infantry is exponential more effective when combined with the precision of the rugged SWAT delivery system and flexible to treated as an additive you any of our Cover Products.

The Neutralizing Infantry consists of these proven odor control agents:

- Odor Sergeant
- Odor Master Sergeant
- Odor Sergeant Specialist
- Odor Corporal
- Odor Lieutenant

ODOR CORPORAL

Application: Topically **Mixing Ratio:** 2% - 5% active solution



Odor Corporal attacks strong acid odors like hydrogen sulfide, methyl mercaptans, and other gases associated with sewage and fatty wastes. As one of NWC's Odor Neutralizing Infantry Combatants, Odor Corporal also has various emulsifying agents which help with the dispersion of oil and reduces fat build up on a plant and machinery, reducing maintenance costs and prolongs equipment life. It is designed to neutralize hydrogen sulfides by the following reaction:



Odor Corporal can be used also to neutralize hydrocarbon odors such benzene, toluene, ethylbenzene, xylene, naphthalene and polycyclic aromatic hydrocarbons.

ODOR SERGEANT

Application: Topically or Misted **Mixing Ratio:** 0.25% - 2% active solution

Odor Sergeant is one of the most application flexible products on the market today for controlling odors. It can be topically applied to a variety of waste surfaces. For Example Odor Sergeant can be mixed with NWC's patented cover materials before daily cover is applied or added to your water truck and integrated into your daily dust control process. It can also be misted by using one or several of NWC's innovative SWAT Delivery Systems

The environmentally friendly natural acting botanical extracts are also excellent at controlling odors. It carries a slight grape or some say bubblegum scent. Odor Sergeant stands ready to fight odors at landfills and transfer stations and also works well at staging areas for waste to energy plants in controlling odors.

Odor Sergeant comes in four different blends, which are modified formulas designed to deal with specific problem areas



ODOR SERGEANT SPECIALIST

Application: Topically **Mixing Ratio:** 0.25% - 2% active solution

Odor Sergeant Specialist is a special blend of Odor Sergeant that integrates odor control with Insect control. Odor Sergeant Specialist works by negatively impacting larvae of flies in the waste that are deposited in the landfill, as well as repelling adult insects. This material combines both fly and odor control in one package.



ODOR MASTER SERGEANT

Application: Topically **Mixing Ratio:** 0.25% - 2% active solution

Odor Master Sergeant is a special blend of Odor Sergeant containing special blends of a naturally occurring botanical extracts and other chemicals that can sequester or suppress hydrogen sulfide gas. Odor Master Sergeant works on H₂S gas by uncoupling the electron transfer process in the sulfate-reducing bacteria (SRB) that is required for the odor-causing bacteria's respiration using sulfate. When this metabolic pathway is blocked, the SRB are incapable of reducing sulfate to H₂S. Sprayed topically on the working face each day provides a coffee filter approach to suppressing H₂S and Methane gas, as well as controlling other odors.



ODOR LIEUTENANT

Application: Topically or Misted **Mixing Ratio:** 0.25% - 2% active solution



Odor Lieutenant targets alkaline odorous compounds like ammonia, butylamine, trimethylamines, amines, skatoles and other similar compounds that are found in putrescible waste (household garbage), sewage treatment plants, sewage reticulation systems, animal breeding and processing facilities. Spray Odor Lieutenant topically or mist it, on a time programmed basis, and all odors can be eliminated. Odor Lieutenant is especially effective against alkaline compounds with their toxic and offensive potential neutralized by the following general reaction:



Odor Lieutenant is normally supplied as a concentrate, but can also be supplied prediluted with water and, for cold weather applications, "winterized" with a non-toxic antifreeze package.