

OR Based Grenade

During terrorist operation, one of the aims of the civil/military authorities is to catch hold of the terrorists alive to get complete information about their ring leaders. Particularly when the terrorist take shelter in their hideouts or in house/building it very difficult to take them out without casualty to civilian as well as the terrorist. During the counter insurgency operations, a security personal has to disarm/incapacitate an agitated individual, disperse a small crowd, or has to capture militants hold up in a bunker or building. The available methods in vogue are normally lethal in nature, e.g. small arms and grenades, which result in the loss of life/bodily injuries. There is a need for a non-lethal aerosol chemical based weapon system, which is instantaneously effective and totally safe in controlling agitated and misguided individuals and can be used to incapacitate them. Defence Research & Development Establishment (DRDE), Gwalior has developed a unique non-lethal munition, named as oleoresin based grenades, which is totally safe, simple to operate, user-friendly and extremely useful for the above purpose. The body of the grenades is made of plastic, melts when the grenade bursts making its throwing back difficult. These can be thrown by hand up to 30 meters to the hide outs / agitated mob. The grenades when applied emit tear gas for 60-80 seconds after a delay of 1-2 seconds, making the person to come out due to the lacrymation, irritation and suffocation. This has been inducted into the services and is being used for the riot control agents by services, states polices and paramilitary forces.

- ❖ Useful for peace keeping purposes and combating terrorism.
- ❖ Can be used to incapacitate terrorists and flushing them out from hideouts (tunnels, fields, dense jungles, broken grounds etc.) without casualties.
- ❖ Highly effective in mob dispersal/riot control operations.

