

ORDNANCE DISPOSAL INTERNATIONAL

A global marketing company.

Strategic Marketing ... Global Focus

Ordnance Disposal International is a strategic marketing company, promoting and offering alternative technology solutions, specialty products and technical services to international clients involved in Humanitarian Demining, Stockpile Reduction, Military Countermining Operations, Explosive Ordnance Disposal (EOD), UXO range remediation and other special applications in Oil and Gas, Commercial Mining and Construction and Quarry activities.

Combining over twenty years of international business experience, technical expertise and specialty product knowledge with its international business network, ODI collaborates with prime alternative technology manufacturers and key suppliers to offer cost-effective options and solutions to end users. Ordnance Disposal International ... bringing innovation to clients and alternative technologies and solutions to international markets.



ALTERNATIVE EXPLOSIVES TECHNOLOGY

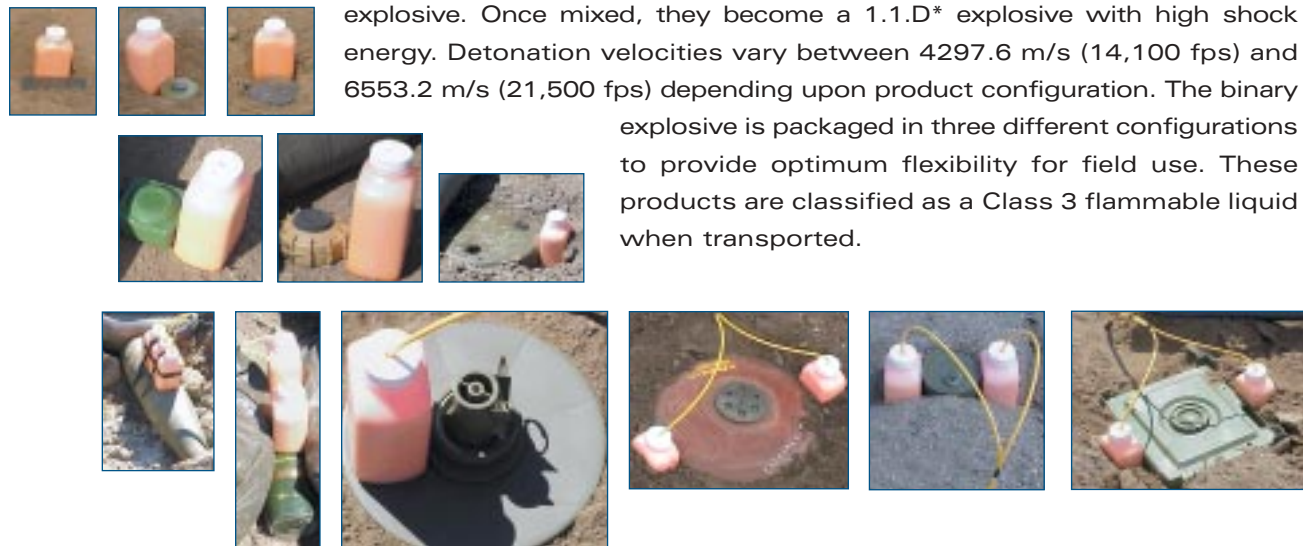
AND RELATED PRODUCTS

Ordnance Disposal International's product offerings include a range of alternative explosives technologies such as binary explosives and shape charges or jet perforators. These products can be packaged into a tool kit to provide a variety of procurement options and operational diversity for field technicians involved in humanitarian demining, explosive ordnance disposal, UXO range remediation, military countermine operations, stockpile reduction and other special activities. These products provide high performance, are cheaper and safer to use, easier to ship and store than conventional explosives and significantly reduce the threats of criminal tampering.

Binary Explosives



Binary explosives are a safe, effective, and economical alternative to neutralize landmines and UXOs. They can be used as a bulk explosive for high order destruction of different types of mines and munitions, and extensive field use and testing demonstrate the effectiveness of this kind of unconventional explosive. The binary system uses two chemical components, a solid and liquid that are mixed prior to use. Before mixing, the components are non-explosive. Once mixed, they become a 1.1.D* explosive with high shock energy. Detonation velocities vary between 4297.6 m/s (14,100 fps) and 6553.2 m/s (21,500 fps) depending upon product configuration. The binary explosive is packaged in three different configurations to provide optimum flexibility for field use. These products are classified as a Class 3 flammable liquid when transported.



**Reference to the various types of classifications of explosives, such as 1.4S, 1.4B and 1.1D, signifies the transportability of these product items by commercial aircraft or other modes of commercial transportation.*

Jet Perforators



Mini shape charges or jet perforators, typically used in the oil well industry, have been modified for application in humanitarian demining and UXO range remediation operations. The innovative design of the perforators allows for initiation without detonating cord and provides proper standoff to maximize the effects of the jet. Successful utilization by the U.S. military in humanitarian demining theatres around the world and by commercial operators in UXO range remediation has proven the effectiveness of this technology. It is effective when attacking individual targets ranging from small anti-personnel mines to bombs. Typically 11 g charges are used, however 22 g charges may be needed for special application. Both charges can be shipped via passenger air cargo, and are classified as a 1.4S explosive.

Fuse Assembly

Blasting cap fuse assemblies consist of a pre-packaged non-electric initiation system with options of a 5-minute and 10-minute safety fuse and igniter. The assembly is packaged in an air and watertight bag and the detonator is pre-crimped to the safety fuse. The assembly minimizes safety hazards during construction of non-electric initiation systems and allows for the positive inventory control of explosive accessories. The product can be shipped as a 1.4B explosive via cargo aircraft.



Portable Detonation Chamber

Stockpile reduction requires the safe disposal of both EOD and IED (Improvised Explosive Device) devices as well as munitions and chemical rounds with few or no environmental after effects. The T10 transportable blast chamber provides an alternative to either open detonation or transportation of recovered ordnance to a remote site for disposal. The system can be used to intentionally detonate small ordnance items, generally ranging in size up to and including the 81-mm HE mortar rounds on a repetitive basis. The system can be used where open detonation is not an acceptable method due to the proximity of persons or property, or where transportation of ordnance to remote sites is impractical, dangerous or not economically feasible. A unique feature is the use of chemical sniffing dogs in conjunction with the deployment of the T10 transportable blast chamber.



ODI: Focusing on clients through innovation and technology

Ordnance Disposal International is an official representative of the leading manufacturers and technology-related companies developing alternative solutions and special applications for market sectors such as EOD, UXO range remediation, military countermine, stockpile reduction, humanitarian demining, oil and gas, commercial mining and construction and quarry operations. Its corporate mission is to improve the safety of clients and enhance their operational efficiency by bringing proven alternative technologies, products and services to international markets.



Prior to marketing selected alternative technologies, ODI ensures their performance, effectiveness and safety in collaboration with the original manufacturers, experienced field trial experts and end users. These products and technologies are scientifically tested and evaluated against rigorous industry standards to confirm their compliance with required performance specifications.

Strategic marketing ... global focus.



Corporate Head Office
2240 Belleair Road,
Suite 115, Clearwater,
Florida 33764, USA.

Tel: (727) 539-7299
Fax: (727) 507-7578
E-mail: jjohnson@odi.com

Canadian Office
335 Hamilton Avenue South,
Ottawa, Ontario, Canada
K1Y 1C4

Tel: (613) 728-6065
Fax: (613) 728-8462
E-mail: dpoon-odi@home.com

WWW.ODITECHNOLOGIES.COM