

# TIS

## THERMIT INITIATED STARTER



DISARMCO offers Thermit Initiated Starter (TIS), which is a turn-key self-contained deflagration system consisting of deflagration sleeves, stands, Safe Starters and Deflagration Powder that can be used to neutralize landmines and other unexploded ordinance. TIS is an uncomplicated, safe and cost effective pre-charged pyrotechnic deflagration system that is not classified as explosives therefore easy to transport, handle and store without having to deal with the administrative burden associated with explosives.

## Applications

**Demilitarisation:** TIS Safe Starters can be fired simultaneously and need to be connected in series when doing so. It is recommended that not more than 5 units be fired together although interim tests proved that 10 units can be fired simultaneously. (Characterisation tests are still pending)

**EOD:** A TIS Safe Starter consists of a porous thermit sleeve with a pocket to retain the Electro Plasma Initiator and Ignition charge. When fired, initiation gasses are vented through the thermit sleeve resulting in a soft ignition rather than an explosion.

## Classification

TIS Safe Starters are classified as flammable solids, certified under UN3178 Hazardous Class 4.1, UN Packing Group III – Flammable Solid Inorganic N.O.S.

Products are safe to transport as prescribed under the UN3178 standard.