

# Product Specification Sheet

Revision G 2016-08-26

All specifications are average and are subject to change without notice.

## AR-6-CS ARWEN® Muzzle Blast – CS Irritant Powder

### PHYSICAL & OPERATIONAL

➤ <b>Model No.</b>	AR-6-CS
➤ <b>Description</b>	ARWEN® Muzzle Blast – CS Irritant Powder
➤ <b>Caliber</b>	37mm ARWEN®
➤ <b>Cartridge Type</b>	Rebated Cartridge Case
➤ <b>Cartridge Material</b>	Aluminum, Black Anodized
➤ <b>Outside Diameter</b>	40mm
➤ <b>Overall Height</b>	110mm
➤ <b>Overall Weight</b>	110g ± 21g
➤ <b>Projectile Weight</b>	50g ± 2g Powder
➤ <b>Projectile Color</b>	White Powder
➤ <b>Net Explosive Quantity</b>	1.4g
➤ <b>Muzzle Velocity</b>	N/A
➤ <b>Kinetic Energy at Muzzle</b>	N/A
➤ <b>Range</b>	0~15m
➤ <b>Compatibility</b>	All 37mm ARWEN® Compatible Weapon Systems
➤ <b>Irritant Agent</b>	<b>CS Dust</b> (2-chlorobenzalmalononitrile) $C_6H_4ClCHO + H_2C(CN)_2 \rightarrow C_6H_4CHCl(CN)_2 + H_2O$
➤ <b>Net Irritant Agent</b>	30 g
➤ <b>Waterproof</b>	Lacquer coated primer, and sealed propellant cartridge

### SHIPPING INFORMATION

➤ <b>UN Number</b>	UN0301
➤ <b>Proper Shipping Name</b>	Ammunition, Tear Producing
➤ <b>Hazard Class</b>	1.4G (6.1) (8)
➤ <b>Labels Required</b>	Explosive, 1.4G; Toxic, Corrosive
➤ <b>Quantity Per Package</b>	Box: 12 Cartridges (2-4 boxes in master box) Drum: 75 Cartridges in metal drum
➤ <b>Total Package Weight</b>	Box: 2.15kg (12 Cartridges) Drum: 11.5kg (75 cartridges)
➤ <b>Package Type</b>	Fiberboard Boxes or Metal Drum with Lever Lock Lid meeting UN Specifications
➤ <b>Package Dimensions</b>	Box: 16x24x19.5 cm (12 Cartridges) Drum 35cm x 31cm (5 gal.)
➤ <b>US DoT Ref. No.</b>	EX2016040328