

IMPORTANT INFORMATION PLEASE READ THIS BEFORE YOU USE THIS PRODUCT

DISCLAIMER

DEFENSIVE MARKER SPRAY (DMS)

THE BUYER POSSESSES, CARRIES AND USES THE DEFENSIVE MARKER SPRAY (DMS) AT HIS OR HER OWN RISK.

DMS is sold by Niton Equipment Limited, with the specific understanding that Niton Equipment Limited assumes no liability, whatsoever, for the safe use, handling or resale of any DMS.

Niton Equipment Limited assumes no responsibility, whatsoever, regardless of nature, for physical injury or property damage resulting from intentional, accidental or negligent misuse, or for the function of any Niton DMS subjected to influences beyond our control. We will honour no claims, which may result from careless handling, unauthorized adjustments, improper use, accident or negligence.

USE BY COMPANIES

Prior to the implementation of the DMS spray it is necessary to have in place a Use of Force Policy which illustrates the full escalation of force process. It should include Section 3 of the Criminal Law Act 1967, Common Law, Conflict Resolution skills and the relevance of the European Convention of Human Rights. Once this is in place then the company should ensure their insurance providers agree with the policy.

DESCRIPTION

The DMS spray is an aerosol spray, which has been formulated using clear water and a specialist food grade colouring. It will produce a vivid blue liquid mark that is designed to "Tag" or "Mark" an offender. The harmless colouring will mark the skin for a period of days, but is not permanent. The blue solution is sufficient to distract a subject long enough for the user to either leave or use a restraining method.

When the marker spray is activated, it releases its solution at pressure and can reach a target up to 3.5 metres away.

The DMS Spray contains no harmful chemicals, is non-toxic, biodegradable and is not flammable. The release of the solution can disorientate the offender allowing you a few vital seconds in which to escape or restrain the offender. If the marker unit is used then the offender is "Tagged" and can be easily identified by police.

DEFENCE MARKER SPRAY(DMS)

Ingredients; Blue food grade pigments in Water. Does not contain tear gas or pepper spray or any noxious substance.

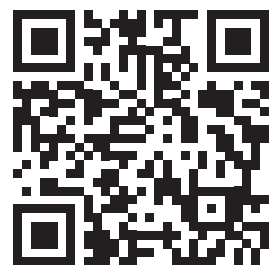
GENERAL DIRECTIONS: DMS has been designed to temporarily deter or startle an attacker, spraying the attacker will mark them for subsequent identification.

USE ONLY IN AN EMERGENCY.

WARNING: PRESSURISED CONTAINER: May burst if heated. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C.

KEEP OUT OF THE REACH OF CHILDREN.

**SCAN THE QR FOR
MORE DETAILS**



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HOW TO USE DMS

DMS should normally be used at distances of between 1 and 3.5 metres from the offender. At distances closer than 1 meter there is a possibility that the stream of solution could cause minor discomfort to the eyes. At distances greater than 3.5 metres accuracy is lost and the spray is less effective,

particularly in windy weather conditions.

When the spray is used initially it produces a fine spray for less than a second as the tube fills, thereafter it produces a stream of liquid.

HOW IS THE SPRAY DELIVERED?

DMS is delivered from a pressurised canister. The design of the canister and degree of pressure affect the amount of the solution discharged and the range and degree of coverage. The propellant is nitrogen and is not flammable.

The stream type spray was chosen for its accuracy over greater distances, this greatly reduces cross contamination. Where possible, users should attempt to spray downwind. Spraying upwind may cause a blowback that could affect the user or members of the public (cross-contamination).

It is advisable to shake the dispenser at the start of each day and if possible prior to each use. The spray should be aimed directly at the subject's face.

In still air: Users should spray two half-second bursts,

with a recommended spraying distance of 1.5m to 2m (4 to 6 feet). They should repeat this technique if the first application is unsuccessful. If the desired effect has not been obtained by then the user should consider other means of dealing with the situation.

In moving air: A one-second burst may be necessary. When facing more than one-aggressor the user should spray from side to side, at face level with a continuous burst.

Note the canister is designed to deliver up to 6 seconds worth of spray e.g. 6x1 second bursts. The contents of the canister are therefore limited. This has particular implications when the user is faced with more than one aggressor. Once the subject has been sprayed, the user has the option to back off or move in and restrain the subject. The offender's action and the company policy will dictate the users action.

IS THE SPRAY EFFECTIVE?

The use of a Liquid Spray should not be viewed as having the ability to solve all problems and it will not be effective in all cases.

Studies from other countries show that sprays do not always produce the desired effects. Limited effect has been noted on three categories of subject:

1. People with serious mental disorders.
2. People under the influence of drink or drugs.
3. People with a positive mental mind set/goal.

CAUTION: Users must not rely on sprays to the exclusion of other control tactics. It is possible that some subjects become more aggressive following the use of the spray. Under such circumstances operators may be required to use other defensive tactics, to establish control and secure the subject.

Description	Basis	Unit	Value
Formulation :			
Content Volume	Formulation	ml	60
Content weight	Formulation	gr	60
Density	Formulation	gr/ml	1.00
Formulation	Pigment/Water/PEG/DMSO	%	2 / 23 / 25 / 50
Condition	PAVA Formulation	Form	liquid
Color	PAVA Formulation	Form	blue
Spraying system:			
Spray pattern		Form	Jet
Propellant			Nitrogen
Spray pattern	Standard		<5 m
Spraying quantity		gr/sec.	
Spraying Device:			
Spraying device	PA 6, black	mm	122x45x37
Cover top	PA 6, black (LxWxH)	mm	35x45
Spraying head	ABS, black	mm	12x20x29
Adaptor head	PA 6, yellow	mm	27x42x41
Aerosol canister:			
Monobloc canister	Aluminium	mm	35x97
Aerosol valve	Aluminium / TPE	mm	25.4
Printing Labelling		Color	specific
Packaging:			
Box	Cardboard	mm	250x250x130
Spray per Kartonbox		pieces	30
Gewicht brutto		kg	3.0



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