SECTION 1. IDENTIFICATION

(a) Product identifier used on the label:	0.22 & 0.25 Calibre "CASH" Cartridges.
(b) Other names of identification:	Cartridges for Tools, Blank, 0.22 & 0.25 Small Arms Blank Cartridges, 0.22 & 0.25 Cartridges for Weapons Blank 1.4S, Accles and Shelvoke Humane Slaughtering equipment.
(c) Recommended use of the chemical and restrictions on use:	Not Applicable
(d) Name, address and telephone number of the chemical manufacturer, importer or other responsible party:	Accles & Shelvoke Ltd, Unit 5a Maybrook Business Park, Maybrook Road, Sutton Coldfield, West Midlands, B76 1AL.
(e) Emergency telephone number:	44 (0) 121 313 3564
(f) Websites:	www.acclesandshelvoke.co.uk

SECTION 2. HAZARD(S) INDENTIFICATION

(a) Classification of the chemical in accordance with paragraph 1910.1200:	1.4S	
(b) Signal word, hazard statement(s), symbol(s) and precautionary statements(s) in accordance with paragraph (f) of 1910.1200:	Explosive	Yes
	Skin Hazard	Yes
	Eye Hazard	Yes
	Irritant	Yes
	Oxidizer	Yes
(c) Describe any hazards not otherwise classified that have been identified during the classification process:	Not Applicable	
(d) Where an ingredient with unknown acute toxicity is used in a mixture at a concentration = 1% and the mixture is not classified based on testing of the mixture as a whole, a statement that X% of the mixture consist of ingredient(s) of unknown acute toxicity is required:	Not Applicable	

SECTION 3. COMPOSITION/INFORMATION OF INGREDIENTS

Except as provided for in paragraph (i) of 1910.1200 on trade secrets:

FOR SUBSTANCES

(a) Chemical name:	Not Applicable
(b) Common name and synonyms:	Not Applicable
(c) CAS number and other unique identifiers:	Not Applicable
(d) Impurities and stabilizing additives which are themselves classified and which contribute to the classification of the substance:	Not Applicable

FOR MIXTURES

In addition to the information required for substances:	Not Applicable
(a) The chemical name and concentration (exact percentage) or concentration ranges of all ingredients which are classified as health hazards in accordance with paragraph (d) of 1910.1200 and :-	Not Applicable
(1) are present above their cut-off/concentration limits or: (2) present a health risk below the cut-off / concentration limits:	
(b) The concentration (exact percentage) shall be specified unless a trade secret claim is made in accordance with paragraph (i) of 1910.1200, when there is batch to batch variability in the production of a mixture, or for a group of substantially similar mixtures (see A.0.5.1.2) with similar chemical composition. In these cases, concentration ranges may be used:	Not Applicable

FOR ALL CHEMICALS WHERE A TRADE SECRET IS CLAIMED

Where a trade secret is claimed in accordance with paragraph (i) of1910.1200, a statement that the specific chemical identity and or exact percentage (concentration) of composition has been withheld as a trade secret is required.	Not Applicable

SECTION 4. FIRST AID MEASURES

(a) Description of necessary measures, subdivided according to the different routes of exposure: i.e inhalation, skin and eye contact and ingestion:	EYES: If chemicals enter the eyes, flush with copious quantities of water for at least 15 minutes. Get medical attention. SKIN: Wash thoroughly with soap and water. If physical injury has occurred because of power loads, get immediate medical attention. INHALATION: Remove from exposure. Get medical attention if experiencing effects of overexposure.
(b) Most important symptoms/effects, acute and delayed:	Not Applicable
(c) Indication of immediate medical attention and special treatment needed, if necessary:	Not Applicable

SECTION 5. FIRE FIGHTING MEASURES

(a) Suitable (and unsuitable) extinguishing media:	Use water. Fog type application to surrounding areas and other combustibles will reduce the potential for fire spread and will lower temperatures of the product.
(b) Specific hazards arising from the chemical (e.g. nature of any hazardous combustion products):	Not Applicable
(c) Special protective equipment and precautions for fire-fighters:	Must be protected from explosion of material. Normal fire-fighting attire will provide limited protection at certain distances if product is packaged. Product may explode if heated above 200 degrees C.

SECTION 6. ACCIDENTAL RELEASE MEASURES

(a) Personal precautions, protective equipment and emergency procedures:

Dry sweeping can contain soiled product. The recommended means of disposing of scrap is by incineration.

(b) Methods and materials for containment and cleaning up:

Incineration must be at a fully permitted facility specifically designed and permitted in accordance with all regulations.

After scrapped by proper incineration, the remaining scrap materials should be disposed of or recycled in accordance with local regulation.

SECTION 7. HANDLING AND STORAGE

(a) Precautions for safe handling:

Store in a cool dry place, do not crush or drop packages.

(b) Conditions for safe storage, including any incompatibilities:

Store in a cool dry place. Avoid heat, electrical current, and acids Eley products are packaged and shipped in accordance with applicable carriage of dangerous goods (ADR) regulations, to ensure the highest level of safety while storing these products, keep product in the original packaging until ready to use. Keep away from fire.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

(a) OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Workplace Exposure Limit (WEL) 8 hour time weighted average (TWA).
Lead Fume 0.15mg/m^3, in accordance with UK law. Check your local Threshold Limit Value (TLV), for your country.

(b) Appropriate engineering controls:

VENTILATION: Mechanical ventilation must be provided if necessary to keep the exposure levels below the exposure limits.

(c) Individual protection measures, such as personal protective equipment:

RESPIRATORS: If airborne concentration exceeds the Workplace Exposure Limit (WEL), wear respiratory protection in accordance with local regulations.

HEARING PROTECTION: IF noise levels exceed the maximum regulatory exposure levels while firing this product, use hearing protection.

EYE PROTECTION: Wear approved goggles or safety glasses.

HAND PROTECTION: Not Applicable.

SKIN PROTECTION: If good personal hygiene practices are observed after firing this product, skin exposure problems are not anticipated.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

(a) Appearance (physical state, colour, etc):	Component, cylindrical brass case with rimmed head, crimped mouth and no projectile.
(b) Odour:	N/A = Not Applicable
(c) Odour threshold:	N/A
(d) pH:	N/A
(e) Melting point/freezing point:	N/A
(f) Initial boiling point and boiling range:	N/A
(g) Flash point:	N/A
(h) Evaporation rate:	N/A
(i) Flammability (solid gas):	N/A
(j) Upper/lower flammability of explosive limits:	N/A
(k) Vapour pressure:	N/A
(l) Vapour density:	N/A
(m) Relative density:	N/A
(n) Solubility(ies):	N/A
(o) Partition coefficient: n-octanol/water:	N/A
(p) Auto-ignition temperature:	N/A
(q) Decomposition temperature:	N/A
(r) Viscosity:	N/A

SECTION 10. STABILITY AND REACTIVITY

(a) Reactivity:	This product is normally stable however, because of the design of ammunition and its components, partial detonation upon impact or intense heat may occur. Mass detonation will not occur.
(b) Chemical stability:	Not Applicable
(c) Possibility of hazardous reactions:	Partial detonation upon impact or intense heat may occur.
(d) Conditions to avoid (e.g., static discharge, shock, or vibration):	Fire
(e) Incompatible materials:	Not Applicable
(f) Hazardous decomposition products.	Not Applicable

SECTION 11. TOXICOLOGICAL INFORMATION

Description of the various toxicological (health) effects and the available data used to identify those effects, including:

(a) Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Not Applicable
(b) Symptoms related to the physical, chemical and toxicological characteristics:	Not Applicable
(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure:	Not Applicable
(d) Numerical measures of toxicity (such as acute toxicity estimates):	Not Applicable
(e) Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:	Not Applicable

SECTION 12. ECOLOGICAL INFORMATION

No toxicity from the cartridge.

SECTION 13. DISPOSAL CONSIDERATIONS

The brass can be recycled after firing the cartridge.

SECTION 14: TRANSPORT INFORMATION

(a) UN number:	UN 0014.
(b) UN Proper Shipping name:	Cartridges for Weapons, Blank.
(c) Transport Hazard Class:	1.4S
(d) Packing Group:-	II, & III
(e) Environmental Hazardous:	Not Applicable
(f) Transport in Bulk:	Not Applicable
(g) Special precautions:	Smoking and the use of fire or naked flames are not recommended on vehicles carrying cartridges or in their vicinity during loading or unloading.

SECTION 15: REGULATORY INFORMATION

The cartridge conforms to European CIP, (La **Commission Internationale Permanente)** specification and regulations (www.cip-bobp.org).

SECTION 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

To avoid serious injury, use blanks only in good condition and originally chambered for a particular calibre. Always keep the tool free of any obstruction. If the tool fails to fire, a delayed firing may occur, the tool may fire upon being opened, wait 30 seconds. Avoid exposure to bolt and carefully unload.

All hazards marked are not expected to be present unless the product is fired, or otherwise discharged so that gasses, fumes, are created. Normal handling and shipping should not cause exposure to these hazards.

Date of Preparation: See date of Issue.