SAFETY DATA SHEET

Abbey Gun Clean

SECTION 1 | IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

1.1 Product Identifier
Product Code **Abbey Gun Clean**

1.2 Relevant identified uses of the Gun cleaner and temporary corrosion preventative.

1.3 Company Abbey Supply Co. Ltd
7 Ventura Place
Upton Industrial Estate
Poole BH16 5SW

1.4 Emergency Telephone Number +44 (0) 202 623258 (Monday – Friday 08.00 – 17.00 hrs GMT)

1.5 Other Information Preparation Date: 20/01/2016

SECTION 2 | HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

CLP Classification:
Aspiration toxicant, Hazard Category 1; H304

Not classified as dangerous for the Environment

Classification to DPD (1999/45/EC) and CHIP
Xn, R65, Harmful

See section 16 for full text of H and R phrases

2.2 Label Elements

Labelling in accordance with CLP

DANGER

H304 May be fatal if swallowed and enters airways

P301+310 If swallowed: Immediately call a POISON CENTRE or doctor/physician
P331 DO NOT induce vomiting
P405 Store locked up
P501 Dispose of contents and container in accordance with local regulations.

Labelling in accordance with CHIP

R65: Harmful; may cause lung damage if swallowed

S62: If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label.

2.3 Other Hazards

Material can accumulate static charges which may cause an ignition. Material can release vapours that readily form flammable mixtures. Vapour accumulation could flash and/or explode if ignited.
PBT: This substance is not identified as a PBT or vPvB substance.

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SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous Ingredients	EC No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
White Mineral Oil (Petroleum)	295-550-3	Not Available	Asp. Tox. 1; H304	Xn; R65	60-100%

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Eyes Flush thoroughly with water. If irritation occurs, get medical assistance.

Skin Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.

Ingestion Seek immediate medical attention. Do not induce vomiting.

Inhalation Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.

4.2 Most important symptoms and effects, Headache, dizziness, drowsiness, nausea, and other CNS effects, both acute and delayed.

4.3 Indication of immediate medical attention If ingested, material may be aspirated into the lungs and cause chemical a**nd special treatment needed, if** pneumonitis. Treat appropriately. necessary

SECTION 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. DO NOT USE straight streams of water.

5.2 Specific hazards arising from the substance or mixture Smoke, fume, incomplete combustion products, oxides of carbon.

5.3 Advice for fire-fighters Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus. Use water spray to cool fire exposed surfaces and to protect personnel.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.
Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas if required, due to toxicity or flammability of the material. See section 5 for firefighting information. See section 4 for first aid advice. See section 8 for advice on the minimum requirements for PPE.
For emergency responders – Respiratory protection: half-face or full face respirator with filters for organic vapour and when applicable, H2S or self-contained breathing apparatus can be used depending on the size of spill and potential level of exposure. Work gloves that are resistant to aromatic hydrocarbons are recommended.

6.2 Environmental precautions Dyke far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

6.3 Methods and material for containment and cleaning up suitable absorbent.

Land Spill: Stop leak if you can do so without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with

Water Spill: Stop leak if you can do so without risk. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants

6.4 Reference to other sections Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapours from liquids or residues that may be present. Use proper bonding and/or earthing procedures. However, bonding and earthing may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance.

7.2 Conditions for safe storage, including any incompatibilities Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area. Storage containers should be earthed and bonded. Fixed storage containers, transfer containers and associated equipment should be earthed and bonded to prevent accumulation of static charge.

7.3 Specific end use(s) See section 1

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Country	Substance	Long Term (8 Hours TWA)	Short Term (15 Mins)
UK	Oil Mist	5mg/m^3	-

8.2 Exposure controls

Ventilation Procedures: Adequate ventilation should be provided so that exposure limits are not exceeded. If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, then use a half-face filter respirator. Type A filter material.

Hand Protection: Chemical resistant gloves. Nitrile, CEN standards EN 240 and EN 374 provide general requirements.

Eye Protection: Safety glasses with side shields

Skin Protection: Chemical/oil resistant clothing

Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Does not constitute a specification

Typical Values		
Grades:		Gun Clean
	Units	
Appearance		Light brown liquid
Odour		Mild
Odour Threshold		No data available
pH		No data available
Relative density	**kg/m³**	0.83-0.86
Solubility - water		Negligible
Pour point	**°C**	No data available
Initial boiling point and range	**°C**	250-350
Flash point (COC)	**°C**	>100
Flammability (solid, gas)		Not flammable
Upper/lower flammability or explosive limits		LEL 0.9% UEL 7.0% (Est.)

Vapour pressure	**kPa (0.1 mm Hg) @ 20°C**	No data available	
Partition coefficient n-octanol/water	**Log Pow**	No data available	
Autoignition temperature	**°C**	>100	
Decomposition temperature		No data available	
Viscosity		4.5 cSt @ 40°C	**9.2**
Evaporation rate		No data available	
Vapour density		No data available	
Explosive properties		None	
Oxidising properties		None	
Other Information	None		

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity	See sub-sections below.
10.2 Chemical stability	Stable under normal temperature conditions and recommended use
10.3 Possibility of hazardous reactions	None under normal processing
10.4 Conditions to avoid	Excessive heat. High energy sources of ignition.
10.5 Incompatible materials	Strong oxidising substances.
10.6 Hazardous decomposition products	Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions. Such decomposition products must be treated as potentially hazardous. Incomplete combustion will generate smoke and hazardous gases, including carbon monoxide.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicologic al effects

Acute Toxicity	
- **Oral**	LD50 Rat >5000 mg/kg.
- **Inhalation**	No data available
- **Dermal**	No data available
Corrosivity/Irritation	
- **Eye**	Mild, short-lasting discomfort to eyes.
- **Skin**	Negligible irritation to skin at ambient temperatures
- **Respiratory Tract**	No evidence that the material can lead to respiratory hypersensitivity.
Sensitisation	
- **Skin** -	Not expected to be a skin sensitiser.
Respiratory	Not expected to be a respiratory sensitiser.
Repeated-dose Toxicity	No data available.
Mutagenicity	Not expected to be a germ cell mutagen.
Carcinogenicity	Not expected to cause cancer.
Reproductive Toxicity	Not expected to be a reproductive toxicant.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	Spilled materials may affect organisms by physical smothering or by leading to deoxygenation of water below oil films
12.2 Persistence and Degradability	Inherently biodegradable
12.3 Bio accumulative Potential	Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.
12.4 Mobility in Soil	Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids. Low potential to migrate through soil
12.5 Results of PBT and vPvB Assessment	Not classified as PBT/vPvB by current EU criteria.
12.6 Other Adverse Effects	No adverse effects are expected

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SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods
Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

SECTION 14 TRANSPORT INFORMATION

Not regulated for Transport

14.1 UN Number	-
14.2 UN Proper Shipping Name	-
14.3 Transport Hazard Class	-
14.4 Packing Group	-
14.5 Environmental Hazards	Not classified as an Environmentally hazardous substance/Marine Pollutant
14.6 Special Precautions for User	-
14.7 Transport in bulk according to Annex II of 73/78 and the IBC Code	Not classified according to Annex II **MARPOL**

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.
15.2 Chemical Safety Assessment	A chemical safety assessment has been carried out for the substance that makes up this material.

SECTION 16 OTHER INFORMATION

First Issue

Full text of classification data in sections 2 and 3

Asp. Tox. 1; H304	Aspiration hazard, Hazard Category 1; May be fatal if swallowed and enters airways
Xn; R65	Harmful; may cause lung damage if swallowed