

Abbey Supply Company Ltd
Abbey Blu Gel

PRODUCT SAFETY DATA SHEET

Section 1 Identification of Substance and Company

Trade Name	Abbey Blu Gel		
Application	Blueing Gun Barrels		
Manufacturer/Supplier	Abbey Supply Company Ltd 7 Ventura Place Upton Industrial Estate POOLE Dorset BH16 5SW		
Telephone	01202 623258	Fax:	01202 623791
Emergency Telephone	012020 623258		

Section 2 Composition/Information on Ingredients

Hazardous Ingredients	Classification & Risk Phrases	Exposure Limits
Nitric Acid <10% CAS: 7679-37-2	T+, R28, R34	TWA 5ppm, 5.2 mg/m ³
Selenous Acid <10%	T+, R28, R34	TWA: 0.2 mg/m ³

Section 3 Hazards Identification

Health & Safety Hazards: Eye contact may cause severe irritation with a potential to cause corneal injury if treatment is not prompt. The product may cause severe burns to the skin. Repeated exposure may cause defatting of the skin.
For further information, see Section 11 Toxicological Information.

Environment Hazards: None known

Special Hazards of Product after use: None likely

Pressure injection: Unlikely to occur in normal use.

Section 4 First Aid Measures

Eyes	Immediately wash eyes thoroughly with copious quantities of clean water, ensuring eye lids are held open.
Skin	Wash off skin thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Obtain medical attention.
Ingestion	Wash out mouth thoroughly with water. Give water or milk to drink. Obtain medical advice.
Inhalation	Inhalation is unlikely to occur.

Section 5 Fire Fighting Measures

Flammability	Not flammable but may support combustion in surrounding material.
Flash Point	Not applicable.
Extinguishing Media	Use medium appropriate to surrounding material.
Unsuitable Extinguishing Media	Do not use water jets.
Special Fire Fighting Procedures	Use water to cool drums. Wear breathing apparatus and protective clothing.
Products of Combustion	May give off oxides of nitrogen. May evolve toxic fumes.

Abbey Supply Company Ltd
Abbey Blu Gel

Section 6 Accidental Release Measures

Personal Precautions If the operation is such that prolonged or repeated contact may reasonably be expected, suitable protective clothing, including gloves of an appropriate standard, and chemical goggles should be worn. Respiratory protection is not required. Spilt product presents a significant slip hazard.

Environmental Precautions Prevent entry into drains, sewers and water courses.
Disposal of Spillage By incineration or via an authorised licensed waste disposal contractor. Disposal must be in accordance with local regulations and Environmental Protection Act 1990.

Section 7 Storage and Handling

Keep containers tightly closed.
Store in dry conditions protected from frost and elevated temperatures.
Avoid heat and sources of ignition.
Store in original containers or in mild steel drums or high density polypropylene containers which are closable and clearly labelled.
A bunded storage area maybe required.
Store at ambient temperatures.

Section 8 Exposure Control & Personal Protection

Exposure Limits This product does not have an Established Occupational Standard (OES) or maximum Exposure Limit (MEL). However it contains Nitric Acid and Selenous Acid which have an OES of 5 mg/m³ (8 Hour TWA)

Eyes Wear safety goggles when handling this product.
Skin Wear impervious gloves when handling this product. Change heavily contaminated clothing and overalls as soon as possible.
Inhalation Inhalation is unlikely to occur.
Industrial Hygiene Adopt good working practices and personal hygiene standards. Wash hands after use, before eating, drinking or smoking, and before and after the toilet. Contaminated clothing should be laundered before reuse.

Section 9 Physical and Chemical Properties

Physical state		Gel
Colour		blue
Odour		slight
Viscosity	(Cst)	n/d
Flash Point	(°C)	n/a
Boiling Point	(°C)	n/d
Explosive Limits	Upper %	N/a
	Lower %	N/a
Density @ 20°C	kg/m³	n/a
Solubility in water		partially soluble
Other data		Please note these properties do not constitute a specification

Section 10 Stability & Reactivity

Stability Stable
Conditions to Avoid Products of this type are stable and unlikely to react in a hazardous manner under normal conditions of use.
Materials to Avoid Avoid bases and combustibles.
Hazardous Decomposition Products Oxides of nitrogen.

Section 11 Toxicological Information

Health Effects

Eyes	Eye contact with this product will cause irritation or burns. There may be a potential to cause corneal injury if treatment is not prompt.
Skin	Contact will cause severe irritation or burns. Prolonged or repeated exposure may cause defatting of the skin and/or slight irritation and dermatitis.
Inhalation	This product is unlikely to be inhaled at ambient temperatures.
Ingestion	Ingestion is harmful and maybe fatal.

Section 12 Ecological Information

Environmental Assessment	No environmental assessment has been undertaken. Due to the small volumes in use it is unlikely to cause significant ecological damage. It must be used and disposed of as recommended in this data sheet.
Mobility	Mobile
Persistence & Degradability	N/D
Bioaccumulative Potential	N/D

Section 13 Disposal considerations

All means of disposal should comply with local regulations and the Environment Act 1990. Disposal of product and containers carefully and responsibly. Do not allow product to contaminate ponds, watercourse, soil or drains. Do not dispose of this product down the drains.

The product may be incinerated in suitable equipment and under controlled conditions. Alternatively the product can be disposed of via a licensed waste disposal contractor.

Section 14 Transport Information

UN No.	2922
Proper Shipping Name	Corrosive Liquid, Toxic, N.O.S. (Selenous Acid Solution)
Packaging Group	III
IATA/ICAO	8 Sub 6.1
ADR/RID	8
IMO Class	8
Marine Pollutant	Yes

Section 15 Regulatory Information

EU Classification	Corrosive (C), Harmful (Xn), Skin & Eye Irritant (Xi)
Label for Supply	
Risk Phrases	R28 Very toxic if swallowed R34 Causes burns
Safety Phrases	S24/25 Avoid contact with skin and eyes S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water.

Abbey Supply Company Ltd
Abbey Blu Gel

Section 16 Other Information

1. Other materials should not be added to this product unless recommended.
2. Gel should be maintained at the recommended concentrations in order to minimise any health risks

If you have purchased this product for supply, to a third party, for use at work it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information within this sheet.

If you are an employer, it is your duty to tell your employees and others, that maybe affected by the hazards described in this sheet, of any precautions that should be taken.

Legislation and other sources have been used in the compilation of this safety data sheet.

Emergency Telephone	01202 623258
----------------------------	--------------

Issue Date	03/04/13	Revision	3
-------------------	----------	-----------------	----------
