



CASWELL INC

Safety Data Sheet Gun Blue A327

SECTION 1: Identification

1.1 Product identifier

Product name	Gun Blue A327
Product number	A327
Brand	CASWELL

1.3 Recommended use of the chemical and restrictions on use

Metal Antiquing Solution

1.4 Supplier's details

Name	Caswell Inc
Address	7696 Route 31 Lyons, NY 14489 USA
Telephone	315 946 1213
Fax	315 946 4456
email	sales@caswellplating.com

1.5 Emergency phone number(s)

Office Hours (9-4ET): 315 946 1213
24 Hour: CHEMTEL US# 1-800-255-3924 Int# +01-813-248-0585

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

- Skin corrosion/irritation (chapter 3.2), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



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Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage

H318

Causes serious eye damage

Precautionary statement(s)

P264

Wash ... thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P301+P312

IF SWALLOWED: Call a POISON CENTER/doctor/.../if you feel unwell,

P330

Rinse mouth.

P501

Dispose of contents/container to ...

P260

Do not breathe dust/fume/gas/mist/vapours/spray.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P363

Wash contaminated clothing before reuse.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P310

Immediately call a POISON CENTER/doctor/...

P321

Specific treatment (see ... on this label).

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P405

Store locked up.

P273

Avoid release to the environment.

P391

Collect spillage.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. WATER

Concentration

90 - 98 %

CAS no.

7732-18-5

2. HYDROCHLORIC ACID (<37%)

Concentration

1 - 4 %

EC no.

231-595-7

CAS no.

7647-01-0

Index no.

017-002-01-X

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

H314

Causes severe skin burns and eye damage

H335

May cause respiratory irritation

3. Tellurium oxide

Concentration

0.01 - 0.05 %

CAS no.

7446-07-3

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4. Surfactants, defoamers, plasticizers

Concentration 0.005 - 0.01 %

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Avoid all contact. Corrosive to skin, eyes and mucous membranes.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.

4.2 Most important symptoms/effects, acute and delayed

Ingestion will result in metallic taste, garlic breath and nausea.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Dry chemical, foam, carbon dioxide, water fog.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. For personal protection see section 8.

6.3 Methods and materials for containment and cleaning up

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent material and place into containers for later disposal. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8: Exposure controls/personal protection

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8.1 Control parameters

- 1. Hydrogen chloride (CAS: 7647-01-0)**
PEL (Inhalation): (C) 5 ppm (OSHA)
OSHA Annotated Table Z-1, www.osha.gov
- 2. Hydrogen chloride (CAS: 7647-01-0)**
PEL (Inhalation): (C) 7 mg/m³ (OSHA)
OSHA Annotated Table Z-1, www.osha.gov
- 3. Hydrogen chloride (CAS: 7647-01-0)**
PEL (Inhalation): (C) 5 ppm (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov
- 4. Hydrogen chloride (CAS: 7647-01-0)**
REL (Inhalation): (C) 5 ppm (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

8.3 Individual protection measures, such as personal protective equipment (PPE)

Pictograms



Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Wear chemical resistant gloves and clothing.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear To Light Yellow Solution
Odor	Mild Acidic
Odor threshold	
pH	0-1
Melting point/freezing point	None/32 deg F
Initial boiling point and boiling range	215 deg F
Flash point	None
Evaporation rate	Approx equal to water
Flammability (solid, gas)	None
Upper/lower flammability limits	

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Vapor pressure	
Vapor density	Approx equal to water
Relative density	1.005-1.025
Solubility(ies)	Complete in water
Partition coefficient: n-octanol/water	
Auto-ignition temperature	
Decomposition temperature	
Viscosity	
Explosive properties	
Oxidizing properties	VOC=0

SECTION 10: Stability and reactivity

10.1 Reactivity

Will not occur

10.2 Chemical stability

This is a stable material

10.4 Conditions to avoid

Avoid extreme heat

10.5 Incompatible materials

May react with strong acids. May react with strong reducing agents. Flammable and combustible materials

10.6 Hazardous decomposition products

None Known

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Not Known

Germ cell mutagenicity

Not Available

STOT-single exposure

Not Available

SECTION 12: Ecological information

Toxicity

Not Available

SECTION 13: Disposal considerations

Disposal of the product

Waste must be handled in accordance with all federal, state, provincial, and local regulations. Transport waste material to an authorized waste location, or incinerate under controlled conditions.

Selenous acid (7783-00-8)

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RCRA: waste number U204

Disposal of contaminated packaging

Consult appropriate federal and local regulations for disposal. Empty containers are subject to the same regulations.

SECTION 14: Transport information

DOT (US)

UN Number: UN1789

Class: 8

Packing Group: II

Proper Shipping Name: Hydrochloric Acid Solution

Reportable quantity (RQ):

Marine pollutant:

Poison inhalation hazard:

Quantities under 1L may be shipped as LTD QTY within the USA by Ground.

IMDG

UN Number: UN1789

Class: 8

Packing Group: II

EMS Number:

Proper Shipping Name: Hydrochloric Acid Solution

IATA

UN Number: UN1789

Class: 8

Packing Group: II

Proper Shipping Name: Hydrochloric Acid Solution

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Chemical name: Hydrochloric acid

CAS number: 7647-01-0

New Jersey Right To Know Components

Common name: HYDROGEN CHLORIDE

CAS number: 7647-01-0

Pennsylvania Right To Know Components

Chemical name: Hydrochloric acid

CAS number: 7647-01-0

HMIS Rating

Gun Blue A327	
HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

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NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

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