SAFETY DATA SHEET

Azure A, C.I. 52005

1. INDENTIFICATION

Product Identifiers

Product Name: Azure A, C.I. 52005
Other Names: C.I. 52005; 3-Amino-7-(dimethylamino)phenothizin-5-ium chloride; 7-(Dimethylamino)-3-amino-3H-phenothiazine hydrochloride; Azure A.
Product No.(s): C068; C0681; C0685.
CAS No.: 531-53-3

Recommended use of the chemical and restriction on use:
Laboratory Stain.

Company Details:

ProSciTech Pty Ltd
11 Carlton Street, Kirwan, Qld. 4817 Australia
Telephone Number: (07) 4773 9444 - 8:30am – 5:00pm, Monday to Friday (excluding Public Holidays)
Email: pst@proscitech.com
Website: www.proscitech.com

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

None allocated.

Label Elements:
No symbol
Signal Word: No signal word
Hazard Statement(s):
None allocated.

Precautionary Statement(s):
None allocated.

Primary route(s) of entry:
Dark Green Crystalline powder. !CAUTION! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

Human Health

Inhalation: May cause respiratory tract irritation. The toxicological properties of this material have not been fully investigated.
Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.
Eyes: May cause eye irritation.
Skin: May cause skin irritation.

Environment: No information available.

Other Hazards: Hazardous Decomposition Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Cas No.	Content	Classification
Azure A, C.I. 52005	531-53-3	~100%	-

4. FIRST AID MEASURES

Ingestion
If victim is conscious and alert, give 2-4 cupfuls water or milk to drink. Do NOT induce vomiting. NEVER give anything by mouth to an unconscious person. Get medical attention if irritation or symptoms appear.

Inhalation:
Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Skin Contact:
In case of contact, flush skin with plenty of water for at least 15 minutes while removing contaminated clothes and shoes. Get medical attention if irritation develops or persists.

Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Other Information:
Notes to Physician: Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable extinguishing equipment

ALL FIRES:
In case of fire use water spray to cool fire expose containers. Use water spray, dry chemical, carbon dioxide, or appropriate foam. Use agent most appropriate to extinguish fire.

HAZCHEM: None allocated.

Special protective equipment and precautions for fire fighters:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent, and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

Other Information:
Hazardous Decomposition Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Use proper personal protective equipment as indicated in Section 8.

Environmental precautions:
Provide ventilation.

Methods and materials for containment and clean up:
Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions

7. HANDLING AND STORAGE

Precautions for safe handling:
Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapour, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Conditions for safe storage:
Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

Material	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Azure A	-	-	-	-

Engineering controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.

Personal protective equipment:
Eye and face protection:
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin protection:
Wear appropriate protective gloves to prevent skin exposure.

Body Protection:
Wear appropriate protective clothing to prevent skin exposure.

Respiratory protection:
Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance: Crystalline, dark green powder.
Odour: None reported.
pH: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Boiling point: Not available.
Melting point: 290°C.
Solubility: Soluble in water (moderately).
Specific gravity or density: Not available.
Flash Point: Not available.
Flammable (explosive) limits: Not available.
Ignition temperature: Not available.
Formula: $C_{14}H_{14}CIN_3S$
Molecular Mass: 291.

10. STABILITY AND REACTIVITY

Reactivity:
Chemical stability:
Stable under normal conditions of use.

Possibility of hazardous reactions:
Hazardous Decomposition Products: Hydrogen chloride, nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide.
Hazardous Polymerization: Will not occur.

Conditions to avoid:
Contact with incompatible materials, dust generation.

Incompatible materials:
Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute effects:

Appearance: Dark Green Crystalline powder. !CAUTION! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

Target Organs: None known.

Eye contact:

May cause eye irritation.

Skin contact:

May cause skin irritation.

Ingestion:

May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation:

May cause respiratory tract irritation. The toxicological properties of this material have not been fully investigated.

Chronic effects:

No information found.

Toxicity and irritation:

No information found.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No information available.

Persistence and degradability:

No information available.

Bioaccumulative potential:

No information available.

13. DISPOSAL CONSIDERATIONS

General information:

Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

ADG label required: Not regulated.

HAZCHEM: None allocated.

UN number:	Not regulated.
Proper shipping name:	Not regulated.
Transport hazard class:	Not regulated.
Packing group:	Not regulated.
Environmental hazard:	No information available.
Special precautions for users:	No information available.

15. REGULATORY INFORMATION

Poisons Schedule Number: No data available to allocate a Poison Schedule Number.

16. OTHER INFORMATION

SDS preparation date: 19 April 2013
Comments:

List of Publications referenced when creating this SDS;
- Dangerous Goods - Initial Emergency Response Guide (SAA/SNZ HB76:1997).
- IATA Dangerous Goods Regulations.
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)].
- Australia Standard for the Uniform Scheduling of Drugs and Poisons [SUSPD] (Australian Government Department of Health and Ageing).

This Safety Data Sheet (SDS) has been prepared in compliance with the Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011. It is the user's responsibility to determine the suitability of this information for adoption of necessary safety precautions. The information published in this SDS has been compiled from the publications listed in Section 16: to the best of our ability and knowledge these publications are considered accurate. We reserve the right to revise Safety Data Sheets as new information becomes available. Copies may be made for non-profit use. ... End of SDS ...