

SAFETY DATA SHEET

Acid Fuchsin, certified, C.I. 42685

1. IDENTIFICATION

Product Identifiers

Product Name: Acid Fuchsin, certified, C.I. 42685
Other Names: Acid fuchsin; Acid magenta; Fuchsin acid; CI 42685; Acid violet 19; Acid Fuchsin Certified.
Product No.(s): C061; C0611; C0615
CAS No.: 3244-88-0

Recommended use of the chemical and restriction on use:

Use as a staining agent in laboratory conditions.

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):

No Hazard Statements

Precautionary Statement(s):

No Precautionary Statements

Primary route(s) of entry:

Green solid. 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 substance have not been fully investigated.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. The toxicological properties of this substance have not been fully investigated.

Eyes: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Environment: No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Cas No.	Content	Classification
Acid Fuchsin, certified, C.I. 42685	3244-88-0	~100%	None allocated.

4. FIRST AID MEASURES

Ingestion

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

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:

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Eye Contact:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Other Information:

Notes to Physician: Treat symptomatically and supportively.

5. FIREFIGHTING MEASURES

Suitable extinguishing equipment

ALL FIRES:

Use water spray, dry chemical, or carbon dioxide. 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. Vapours may be heavier than air. They can spread along the ground and collect in low or confined areas.

Other Information:

Hazardous Decomposition Products: 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:

Clean up spills immediately, observing precautions in the Protective Equipment Section. Sweep up, then place into a suitable container for disposal. Avoid generating dusty conditions.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Conditions for safe storage:

Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards

Material	TWA ppm	TWA mg/m3	STEL ppm	STEL mg/m3
Fuchsin Acid	-	-	-	-

Engineering controls:

Provide appropriate ventilation to keep airborne concentrations low. Provide a safety shower and eyebath close to the working area.

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 natural rubber gloves, apron, and/or clothing. Wear appropriate protective gloves to prevent skin exposure.

Body Protection:

Wear natural rubber gloves, apron, and/or clothing. 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:	Solid green powder.
Odour:	None reported.
pH:	Acidic.
Vapour pressure:	Negligible.
Vapour density:	20.2
Boiling point:	Not available.
Melting point:	Not available.
Solubility:	10 – 12.5% in water.
Specific gravity or density:	Not available.
Flash Point:	Not available.
Flammable (explosive) limits:	Not available.
Ignition temperature:	Not available.
Formula:	$C_{20}H_{17}N_3O_9S_3Na_2$
Molecular Mass:	585.55

10. STABILITY AND REACTIVITY

Reactivity:

Chemical stability:

Stable under normal conditions of use.

Possibility of hazardous reactions:

Hazardous Decomposition Products: Nitrogen oxides, carbon monoxide, oxides of sulphur, carbon dioxide.

Hazardous Polymerization: Has not been reported.

Conditions to avoid:

Contact with incompatible materials, excess heat.

Incompatible materials:

Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute effects:

Irritation to the eye, skin. Gastrointestinal irritation when ingested. Respiratory tract irritation when inhaled.

Eye contact: May cause eye irritation. The toxicological properties of this material have not been fully investigated.

Skin contact: May cause skin irritation. The toxicological properties of this material have not been fully investigated.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. The toxicological properties of this substance have not been fully investigated.

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

Chronic effects

No information available.

Toxicity and irritation

No information available.

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 ...