



ABC CHEMICAL COMPANY LIMITED
Chemicals for the International Printing Industry

Date Printed: 14/01/99

Safety Data Sheet

PRODUCT NAME : Algae-Go Standard Concentrate

Revision No.1

1- PRODUCT IDENTIFICATION

- 1.1 Manufacturer :- ABC CHEMICAL COMPANY LIMITED
 1.2 Address :- Woodhouse Road, Castle Hill, Todmorden, Lancashire, England. OL14 5TD.
 1.3 Telephone No. :- 01706 818800
 1.4 Facsimile No. :- 01706 819554
 1.5 Chemical Composition :- Aqueous solution of quaternary ammonium salt.
 1.6 Intended use :- As a water treatment biocide in the photographic and graphic arts industry.

2 - HAZARDOUS COMPONENTS: Contains no listed hazardous material

Component	% Mass	Occupational Exposure Limits		Vapour Pressure mm Hg	UN No.
		8 Hour TWA	10 Min STEL		

*(Sk) - can be absorbed through skin

3 - HAZARDS IDENTIFICATION

- 3.1 C.H.I.P. 2 Classification:-Not classified as hazardous
 3.2 R- Phrases: None specified

3.3 Health Hazards

- 3.3.1 Skin :-May cause irritation.
 3.3.2 Eyes :-May cause irritation.
 3.3.3 Inhalation :-No significant effect.
 3.3.4 Ingestion :-May cause irritation.

4 - FIRST AID MEASURES

- 4.1 Skin - Wash off with soap and water
 4.2 Eye - Wash out the eye with clean water for at least 15 minutes. Obtain medical attention.
 4.3 Inhalation -
 4.4 Ingestion - Wash out the mouth with water. If swallowed do not induce vomiting. Give water to drink and obtain medical assistance.

N.B. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**5 - FIRE-FIGHTING MEASURES**

- 5.1 Flash point :- N/A
 5.2 Auto Ignition temperature :- Not known
 5.3 Extinguishing Media :- Carbon dioxide, dry chemical, foam
 5.4 Hazardous combustion products :- Thermal decomposition in air may give oxides of carbon and nitrogen.

6 - ACCIDENTAL RELEASE MEASURES

- 6.1 Prevent spill from spreading.
 6.2 Do not allow to enter main drainage system.
 6.3 Soak up spillage using inert material and dispose of in accordance with local regulations

**PRODUCT NAME : Algae-Go Standard Concentrate (continued)****7 - STORAGE and HANDLING**

- 7.2 Keep container closed when not in use
7.1 Store away from strong oxidising and reducing agents.

8 - EXPOSURE CONTROLS and PERSONAL PROTECTION**8.1 General Precautions**

- 8.1.1 Maintain efficient ventilation
8.1.2 Do not take internally

8.2 Personal Protection

- 8.2.1 Eyes :- Wear suitable eye protection where a danger of splashing exists.
8.2.2 Skin :- Wear impervious gloves (e.g. Nitrile rubber), avoid skin contact.
8.2.3 Respiratory :- No special requirements.
8.2.4 Appropriate work wear should be worn at all times - contaminated clothing should be removed and laundered before re-use.

9 - PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance :- Green liquid
9.2 Odour :- Characteristic
9.3 pH :- 7.0
9.4 Viscosity :- not determined
9.5 Freezing point :- not determined
9.6 Boiling point :- 100°C
9.7 Melting point :- Liquid
9.8 Flash point :- N/A
9.9 Autoflammability :- not known
9.10 Explosive point :- not known
9.11 Oxidising properties :- not known
9.12 Vapour pressure :- not known
9.13 Relative density :- 1.0
9.14 Volatile matter (% by mass) :- 99.0
9.15 Solubility in water :- Soluble
9.16 Evaporation rate (nbac = 1) :- >1

10 - STABILITY AND REACTIVITY

- 10.1 Product is stable under :- Normal storage and use conditions
10.2 Incompatibilities :- Store away from strong oxidising and reducing agents.
10.3 Conditions to avoid :- Extremes of heat
10.4 Hazardous combustion products :- Thermal decomposition in air may give oxides of carbon and nitrogen
10.5 Hazardous polymerisation :- Will not occur

11 - TOXICOLOGICAL INFORMATION

- 11.1 Skin :- May cause irritation.
11.2 Inhalation :- No significant effect.
11.3 Eye :- May cause severe irritation, reddening
11.4 Ingestion :- May cause irritation of the digestive tract; possible nausea and vomiting



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12 - ECOLOGICAL INFORMATION

13 - DISPOSAL CONSIDERATIONS

- 13.1 In case of spill or leakage
 Small spillage : Soak up using inert absorbent material. Wash affected area using water and detergent
 Large Spillage : Prevent spillage spreading, absorb using inert material, dispose of in accordance with local regulations
- 13.2 Waste disposal : Dispose of in accordance with local regulations
- 13.3 'Empty' containers: All hazard warnings given apply to nominally empty containers, since some product still remains even when empty.

14 - TRANSPORT CONSIDERATIONS

- 14.1 C.P.L. Classification :- Not classified as hazardous
- 14.2 U.N. Packing group :-
- 14.3 U.N. Class :-
- 14.4 ADR / RID :-
- 14.5 U.N. NO. :-
- 14.6 IMDG Code :-
- 14.7 General Information
 Chemical products should never be decanted into unmarked containers
 Chemical products should be stored in their original containers, or ones which are clearly marked and resistant to attack by such products

15 - REGULATORY INFORMATION

- 15.1 Product label in accordance with "Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP 97)
- S 24/25:- Avoid contact with skin and eyes.
 Do not take internally.
 For industrial use only
 Before using this product, read material safety data sheet.

16 - OTHER INFORMATION

- 16.1 This is an industrial product and should only be used, as directed, by properly trained personnel.
- 16.2 Where a product is a mixture, the possible hazard has been assessed relative to the concentration of the hazardous components present.
- 16.3 The information given in this sheet is based on data obtained from reliable sources and is accurate to the best of our knowledge. However no guarantees are given and no liabilities assumed

DATE: March 1994
 Revision No.1 June 1995