SAFETY DATA SHEET

1) IDENTIFICATION

Product Name: MYDONEG AIR Bleach 111
NR Replenisher

Champion Product Code: 140340

Supplier: CHAMPION PHOTOCHEMISTRY
INTERNATIONAL LIMITED
Hubert Road
Brentwood
Essex CM14 4JE
United Kingdom

Telephone No: + 44 (0) 1277 263646

Fax: + 44 (0) 1277 260832

---

2) COMPOSITION/INFORMATION ON INGREDIENTS

Product Description:

A photographic bleach. The product is an aqueous solution containing the following components:

Component	CAS No	% w/w
Ammonium Ferric PDTA	111687-36-6	10-15
Ammonium Bromide	12124-97-0	10-15
Maleic Acid	110-16-7	5-10
Succinic Acid	110-15-6	5-10
Ammonium Nitrate	6484-52-2	2- 5
PDTA Acid	1939-36-2	1-2

---

3) HAZARDS IDENTIFICATION

Human Health Hazards:

Not classified as hazardous.

Safety Hazards

Contact with alkalis, including photographic developer, liberates irritant gas (ammonia).

May assist fire if allowed to dry in contact with combustible materials.

4) FIRST AID MEASURES

Eyes:

Flush immediately with eye-wash or clean water for at least 15 minutes holding the eyelids apart. Obtain medical attention if irritation develops.

Inhalation:

Inhalation of the product is unlikely to occur. In the event of inhalation move to fresh air. Obtain medical attention if symptoms occur. Product presents no vapour hazard.

Skin Contact:

Remove any contaminated clothing. Wash skin thoroughly with cold water then with a neutral cleanser and water. Obtain medical attention if irritation develops.

NB. Do not allow contaminated clothing to dry out - immediately rinse with water. Wash in the normal way before re-use.

Ingestion:

Rinse mouth with water and drink about two glasses of water. Do not induce vomiting. Obtain medical attention.

IN ALL CASES OF DOUBT OR IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE. SHOW THE PRODUCT LABEL AND THIS SAFETY DATA SHEET TO THE DOCTOR

---

5) FIRE-FIGHTING MEASURES

Not classified as flammable. If involved in a major fire harmful gases may be produced, (NO_x, ammonia, hydrogen bromide). If the water is lost by evaporation the solid residue may assist fire.

Extinguishing Media:

Suitable for the surrounding fire.

Protective Equipment:

Self-contained respiratory equipment.

6) ACCIDENTAL RELEASE MEASURES

Personal Protection:

When dealing with spillages of concentrate, use the personal protection specified in Section 8. Ensure spill area is well ventilated throughout the clean up operation.

Environmental Precautions:

Prevent spillages from entering drains by absorption into an inert absorbent material such as dry sand or earth and transfer to a metal container for disposal by a licensed waste contractor. DO NOT USE potentially combustible materials such as sawdust or cloth to absorb spillages - possible fire risk.

Cleaning Up:

After collecting the bulk of the spillage thoroughly wash area to drain with water.

---

7) HANDLING AND STORAGE

Handling:

When handling product concentrates, avoid contact with eyes, skin and clothing. Use in a well ventilated area. Avoid contact with the working strength solution. After handling, the routine use of a neutral, (non-alkaline), hand cleanser will minimise the risk of adverse skin reaction.

Storage:

Store in a dry, well ventilated area at a moderate temperature. Store away from flammable and readily combustible materials.

---

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Relevant Exposure Limits:

None.

Engineering Measures:

Ensure good ventilation of the whole working area and/or local exhaust ventilation of the mixer and processor areas.

Respiratory Protection:

Should not be required.

Skin Protection:

Wear impervious gloves when handling concentrates and to prevent contact with the working strength solution.

Eye Protection:

Wear safety glasses with side-shields as the minimum level of protection. Provide eye-wash bottles in the immediate working area.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	A green liquid
Odour:	None
pH at 20°C:	3.75
Weight per ml at 20°C:	1.23g
Freezing Point:	No data
Flammability:	Not flammable
Solubility in water:	Completely soluble

10) STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions.

Materials to avoid:

Avoid contact with flammable and combustible materials. If the product is allowed to dry in contact with combustible material a potential fire hazard may exist

Avoid contact with alkalis, including photographic developer, (ammonia may be liberated).

Hazardous Decomposition Products:

None under normal conditions of use.

11) TOXICOLOGICAL INFORMATION

Eye Contact:

May cause irritation.

Skin Contact:

May cause irritation on prolonged or repeated contact.

Ingestion:

Likely to cause gastro-intestinal irritation. Expected to be of moderate systemic toxicity.

Inhalation:

No vapour hazard exists.

12) ECOLOGICAL INFORMATION

The following summary of expected environmental effects is based on known data for the principal components and on the physico-chemical properties of the preparation.

The product has a very low biochemical oxygen demand and little potential to cause oxygen depletion in the aquatic environment. The product contains components which are not expected to be readily biodegradable.

As a result of the above properties, precautions should be taken to prevent the release of the product or working strength solution into the environment, (see Section 13).

13) DISPOSAL CONSIDERATIONS

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of either the product or working strength solutions into drains, sewers, or waterways. Silver will be present in used working strength solutions and should be recovered before disposal.

Plastic Containers:

Rinse thoroughly with water and dispose as solid waste to land fill or re-cycle where possible.

14) TRANSPORT INFORMATION

UN No:	3265
IMDG Class:	8, CORROSIVE
Proper Shipping Name:	Corrosive liquid, Acidic, Organic NOS Contains a diamine tetra acetic acid derivative

15) REGULATORY INFORMATION

Not classified as hazardous.

16) OTHER INFORMATION

The information contained in this Safety Data Sheet does not constitute the users own assessment of work place risk as required by other health and safety legislation, (e.g. COSHH Regulations in the UK).

Document History
Prepared by: DS
Revision No: 0
Revision Date: 31/07/97
Reference Sources Include: CHIP Regs and related ACOPS
UK HSE EH40, Occupational Exposure Limits
Supplier Raw Material MSDS.

An asterisk (*) in text indicates revision since last issue.

The information contained in this Safety Data Sheet is to our best present knowledge correct and complete and is given in good faith but without warranty.