

SAFETY DATA SHEET

ELSILVER IAG-377R

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ELSILVER IAG-377R
 PRODUCT NO. 16377R
 SUPPLIER BLT Circuit Services Limited
 Brome Industrial Estate
 Brome, Eye
 Suffolk. IP23 7HN
 01379 870870
 01379 870970

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
AMMONIA ...%	215-647-6	1336-21-6	10-30%	C;R34 N;R50
SILVER NITRATE	231-853-9	7761-88-8	1-5%	C;R34 N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Causes burns. Irritating to respiratory system. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION C;R34. Xi;R37. R52/53.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Important to remove the substance from the skin immediately. Rinse the skin immediately with lots of water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

DO NOT TOUCH SPILLED MATERIAL! Wear necessary protective equipment. Neutralise small amounts with diluted hydrochloric acid (HCl) and flush to sewer with large amounts of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

ELSILVER IAG-377R**ENGINEERING MEASURES**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Light (or pale) Blue		
ODOUR	Ammonia		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	1.10 @ 20 °c	pH-VALUE, CONC. SOLUTION	10.5
FLASH POINT (°C)	NONE		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂). Ammonia or amines.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

INHALATION. May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system.

SKIN CONTACT. Causes burns. **EYE CONTACT.** Causes burns. **INGESTION.** May cause stomach pain or vomiting. May cause internal injury.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID, N.O.S.		
UN NO. ROAD	1760	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	PACKING GROUP III
HAZARD No. (ADR)	80	ADR LABEL NO.	8
HAZCHEM CODE	2W	CEFIC TEC(R) NO.	80G12

REVISION DATE: MAY 2005

ELSILVER IAG-377R

RID CLASS NO.	8	RID PACK GROUP	53(c)
UN NO. SEA	1760	IMDG CLASS	8
IMDG PAGE NO.	8136	IMDG PACK GR.	III
EMS	8-06	MFAG	705
MARINE POLLUTANT	No.	UN NO. AIR	1760
ICAO CLASS	8		

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

AMMONIA 15%

RISK PHRASES

R34	Causes burns.
R37	Irritating to respiratory system.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
S51	Use only in well-ventilated areas.
S24/25	Avoid contact with skin and eyes.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

REVISION DATE	MAY 2005
REV. NO./REPL. SDS GENERATED	1
SDS NO.	ELSILVER 377R/16/1

RISK PHRASES IN FULL

R34	Causes burns.
R37	Irritating to respiratory system.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.