

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY**

Product Name           AURAMINE O &amp; RHODAMINE B DECOLOURISER

Product Code           62056X

Supplier                Clin-Tech Limited  
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e-mail / Website       [Info@clin-tech.co.uk](mailto:Info@clin-tech.co.uk) / [www.clin-tech.co.uk](http://www.clin-tech.co.uk)**2. COMPOSITION / INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Content	Classification
ETHANOL	200-578-6	64-17-5	60-100%	F; R11
HYDROCHLORIC ACID	231-595-7	7647-01-0	1-5%	C; R34 Xi; R37
METHANOL	200-659-6	67-56-1	3-10%	F; R11 T; R23/24/25, R39/23/24/25

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

**3. HAZARDS IDENTIFICATION**

CLASSIFICATION

F; R11

Xn; R20/21/22 R68/20/21/22

- Highly flammable
- Harmful by inhalation, in contact with skin and if swallowed
- Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

**4. FIRST-AID MEASURES**

INHALATION

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

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use: Alcohol resistant foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

May travel considerable distance to source of ignition and flash back.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush area with water.

**7. HANDLING & STORAGE****USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

**STORAGE CLASS**

Flammable liquid storage.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
METHANOL	WEL (skin)	200 ppm	260 mg/m <sup>3</sup>	250 ppm	310 mg/m <sup>3</sup>
ETHANOL	WEL	1000 ppm	1900 mg/m <sup>3</sup>		
HYDROCHLORIC ACID	WEL	1 ppm		5 ppm	

*WEL – Workplace Exposure Limit; 8h TWA – 8-hour Time-Weighted Average; STEL – Short-Term EL.*

#### PROTECTIVE EQUIPMENT



#### ENGINEERING MEASURES

Well-ventilated area. Provide explosion proof ventilation for high concentrations.

#### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

#### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

#### HYGIENE MEASURES

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Colourless Liquid
ODOUR	Odour of alcohol
SOLUBILITY	Soluble in water.
BOILING POINT	~ 78°C 760 mmHg
RELATIVE DENSITY	~ 0.8 @ 20°C
FLASH POINT	~ 13°C

**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

No specific health warnings noted.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Prolonged or repeated exposure may cause irritation.

**EYE CONTACT**

Prolonged contact may cause transient eye irritation.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

The product is not expected to be hazardous to the environment.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

#### 14. TRANSPORT INFORMATION

**RID / ADR**

UN#	1170
Class	3
PG	II
Proper shipping name:	Ethanol Solution

**IMDG**

UN#	1170
Class	3
PG	II
Proper shipping name:	Ethanol Solution
Marine Pollutant:	No

**IATA**

UN#	1170
Class	3
PG	II
Proper shipping name:	Ethanol Solution

#### 15. REGULATORY INFORMATION

**LABELLING**

Highly Flammable



Harmful

**RISK PHRASES**

R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

**SAFETY PHRASES**

S1/2	Keep locked up and out of the reach of children
S7	Keep container tightly closed
S16	Keep away from sources of ignition - No smoking
S36/37	Wear suitable protective clothing and gloves
S45	In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

**STATUTORY INSTRUMENTS**

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

**GUIDANCE NOTES**

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16. OTHER INFORMATION****GENERAL INFORMATION**

This safety data sheet covers all codes for this product.

**REVISION COMMENTS**

Methanol limits adjusted.

R & S phrases amended.

**REVISION DATE**

06-2008

**REV. NO./REPL. SDS GENERATED**

2 / 08-2007

**RISK PHRASES IN FULL**

R11	Highly flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R34	Causes burns
R37	Irritating to respiratory system