

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name ACRIDINE DIFFERENTIATING SOLUTION

Product Code 62074X

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHANOL	200-578-6	64-17-5	1-5%	F; R11
METHANOL	200-659-6	67-56-1	0-1%	F; R11 T; R23/24/25, R39/23/24/25
SODIUM CHLORIDE	231-598-3	7647-14-5	0-1%	
SODIUM AZIDE	247-852-1	26628-22-8	0-1%	T+; R28 R32 N; R50 R53

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

3. HAZARDS IDENTIFICATION**CLASSIFICATION**

This product has no hazard classification.

4. FIRST-AID MEASURES**INHALATION**

Move the exposed person to fresh air at once. Get medical attention if symptoms occur.

INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention if symptoms occur.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

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 symptoms occur.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire-fighting media appropriate for surrounding materials.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Flush area with water.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

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

STORAGE CLASS

Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	8h TWA		STEL	
METHANOL	WEL (skin)	200 ppm	260 mg/m ³	250 ppm	310 mg/m ³
ETHANOL	WEL	1000 ppm	1900 mg/m ³		
SODIUM AZIDE	WEL				0.3 mg/m ³

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

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Well-ventilated area.

RESPIRATORY EQUIPMENT

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

HAND PROTECTION

Use 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 safety goggles if there is a risk of splashing during use.

OTHER PROTECTION

Provide eyewash station. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

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	None
SOLUBILITY	Soluble in water
RELATIVE DENSITY	~1.00 @ 20°C
BOILING POINT	~100 °C @ 760 mmHg

10. STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

11. TOXICOLOGICAL INFORMATION**INHALATION**

Not toxic.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

Not toxic.

EYE CONTACT

Prolonged contact may cause transient eye irritation.

12. ECOLOGICAL INFORMATION**ECOTOXICITY**

Sodium Azide is toxic to aquatic organisms. Due to the very low level of this chemical present in this product, there is not thought to be any significant risk to the environment. However, release to the environment should be minimized.

13. DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

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

14. TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15. REGULATORY INFORMATION**RISK PHRASES**

NC Not Classified

SAFETY PHRASES

S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
S61 Avoid release to the environment. Refer to special instructions/safety data sheet

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

R Phrases revised

REVISION DATE

07-2009

REV. NO./REPL. SDS GENERATED

2 / 07-2008

RISK PHRASES IN FULL

R11	Highly flammable
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
R28	Very toxic if swallowed
R32	Contact with acids liberates very toxic gas
R50	Very toxic to aquatic organisms
R53	May cause long-term adverse effects in the aquatic environment