

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

PRODUCT NAME ACRIDINE DIFFERENTIATING SOLUTION

PRODUCT CODE 62074x

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2. HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
Chronic aquatic toxicity (category 4) H413

LABELLING ACCORDING TO REGULATION (EC) No 1272/2008 [EU-GHS/CLP]
No symbols required

Hazard statement(s)
H413 May cause long lasting harmful effects to aquatic life

Precautionary statement(s)
P273 Avoid release to the environment

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC #	CAS #	Content	Classification
ETHANOL	200-578-6	64-17-5	1-3%	Flam. Liq. 2 H225
SODIUM CHLORIDE	231-598-3	7647-14-5	0-1%	
SODIUM AZIDE	247-852-1	26628-22-8	<0.1%	Acute Tox. 2; Aquatic Acute 1, Aquatic Chronic 1 H300 H410

4. FIRST-AID MEASURES

INHALATION
Move the exposed person to fresh air. Perform artificial respiration if breathing has stopped.

INGESTION
Rinse mouth with water. Never make an unconscious person vomit or drink fluids.

SKIN CONTACT
Remove contaminated clothes and rinse skin thoroughly with 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.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Water spray, Alcohol-resistant foam, Dry chemicals, or Carbon dioxide

PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus if necessary.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Evacuate personnel to a safe area. Avoid aerosol formation. Avoid breathing aerosols. Ensure adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Do not allow spillage to enter watercourses, drains or sewers. Stop further spillage if possible without risk.

SPILL CLEAN-UP METHODS

Flush area with water – avoid allowing water to enter drains. Absorb with disposable towels and hold for hazardous disposal – see section 13.

7. HANDLING & STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Avoid aerosol formation. Provide adequate exhaust function where aerosol is likely.

STORAGE PRECAUTIONS

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

STORAGE CLASS

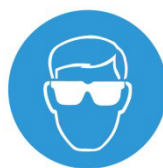
Chemical storage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. The most suitable glove should 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.

RESPIRATORY EQUIPMENT

Self-contained breathing apparatus where aerosols are likely.

OTHER PROTECTION

Provide eyewash station.

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 / MISCIBLE WITH	Water; Ethanol
FLASHPOINT	~80 °C

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

INCOMPATIBLE MATERIALS

Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

Name	Std	8h TWA	STEL
SODIUM AZIDE	WEL (skin)	0.1 mg/m ³	0.3 mg/m ³

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

INHALATION

May be harmful if inhaled. May cause respiratory tract irritation.

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through skin. May cause skin irritation.

EYE CONTACT

May cause eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Sodium Azide is dangerous for the environment. Avoid release of this product to the environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14. TRANSPORT INFORMATION

	UN #	Class	Packing	Proper shipping name
<u>RID / ADR</u>	<i>Not regarded as hazardous for transport</i>			
<u>IATA</u>				
<u>IMDG</u>				

15. REGULATORY INFORMATION

STATUTORY INSTRUMENTS

This MSDS complies with regulation (EC) no. 1907/2006.
Workplace Exposure Limits EH40/2011.

16. OTHER INFORMATION

GENERAL INFORMATION

This safety data sheet covers all codes for this product.

REVISION INFORMATION

Revision No.	04
Revision Date	09/2015
Comments	CHIP regulations removed
Replaces Document Generated	06/2013

HAZARD STATEMENTS IN FULL

H225	Highly Flammable liquid and vapour
H300	Fatal if swallowed
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life