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ReAgent

FORMAZINE TURBIDITY CONCENTRATE 4000 FTU MSDS

According to Regulation (EC) No 1907/2006

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME FORMAZINE TURBIDITY CONCENTRATE 4000 FTU

SUPPLIER Reagent Chemical Services
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PRODUCT NO. 6046

APPLICATION General chemical reagent

EMERGENCY TELEPHONE Emergency Telephone : +44 (0) 1928 716903 Between 08.30 - 17.00

2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

CLASSIFICATION (1999/45) R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
METHENAMINE	202-905-8	100-97-0	5-10%	F;R11 R43

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

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

INGESTION

Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Get medical attention immediately!

SKIN CONTACT

Immediately remove contaminated clothing and wash before re-use. Wash the skin immediately with soap and water. In serious cases or if discomfort continues obtain medical attention.

EYE CONTACT

Promptly wash eyes with plenty of water or eye wash solution while lifting the eyelids. If possible remove any contact lenses and continue to wash. Get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, dry powder or carbon dioxide.

SPECIFIC HAZARDS

In cases of fire, toxic fumes may be formed. Nitrous gases (NOx). Hydrogen cyanide (HCN). Ammonia or amines.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

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. Wash contaminated area with water.

FORMAZINE TURBIDITY CONCENTRATE 4000 FTU**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate ventilation including appropriate local extraction to maintain airborne concentrations at a low level.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

HAND PROTECTION

Use protective gloves. Rubber or plastic

EYE PROTECTION

Wear safety glasses. If risk of splashing, wear safety goggles or face shield.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination. Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Liquid

COLOUR Milky.

ODOUR Amine.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat.

MATERIALS TO AVOID

Strong oxidising substances. Hydrocarbons - halogenated. Peroxy compounds.

HAZARDOUS DECOMPOSITION PRODUCTS

Formazine is produced by reaction between hexamine (methenamine) and hydrazine sulphate. Small quantities of hydrazine sulphate (Carcinogen Category 2) may be formed in a reverse reaction.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 569 (Hexamine) mg/kg (oral-mouse)

INHALATION

May cause sensitisation by inhalation. May cause irritation to the respiratory system.

INGESTION

Irritation of the mouth, the oesophagus and the gastrointestinal tract. Toxic effect on: kidneys

SKIN CONTACT

May cause sensitisation by skin contact.

EYE CONTACT

Irritating to eyes.

OTHER HEALTH EFFECTS

Contains Hexamine (Methenamine): Found to cause cancer in laboratory animals.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Although not classified as environmentally hazardous, harmful effects cannot be excluded in the event of improper handling or disposal.

FORMAZINE TURBIDITY CONCENTRATE 4000 FTU

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

	No transport warning sign required.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

LABELLING



Irritant

CONTAINS

METHENAMINE

RISK PHRASES

R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24 Avoid contact with skin.
 S37 Wear suitable gloves.
 S60 This material and its container must be disposed of as hazardous waste.

STATUTORY INSTRUMENTS

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

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. COSHH essentials: Easy steps to control chemicals. Control of Substances Hazardous to Health Regulations.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

GENERAL INFORMATION

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

REVISION COMMENTS

General rewrite Change to section 1

REVISION DATE 02/03/2010

REV. NO./REPL. SDS GENERATED 2

SDS NO. 10099

RISK PHRASES IN FULL

R11 Highly flammable.
 R43 May cause sensitisation by skin contact.