

SAFETY DATA SHEET



NR Kit (Neutral Red; Membrane Permeability, Lysosomal Activity)

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Processing date 15.7.2015

1. IDENTIFICATION OF THE TEST KIT AND THE COMPANY

Product information

Product Name: IN CYTOTOX NR Neutral Red Kit
Cat.-No.: KRN 96.1200, KRN 96.2400
and as part of: KRSR 96.1200
KLEXR 96.1200
KXTRS 96.1200
PAN I 96.1200

Intended use: Research use only, not for diagnostic purposes
Company: Xenometrix AG
Gewerbestrasse 25
CH-4123 Allschwil
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2. CHEMICAL CHARACTERISATION

Components

NR I:

Contains no hazardous substances in concentrations to be declared

NR II:

Contains no hazardous substances in concentrations to be declared

NR III:

Ingredients: 0.4% Formaldehyde; CAS-No. 50-00-0
0.1 % Calcium chloride; CAS-No. 10035-04-8

NR IV:

Ingredients: Acetic acid and Ethanol; CAS-No. 64-19-7 and 64-17-5

3. HAZARDS IDENTIFICATION

NR III:

May be harmful if swallowed, inhaled, or absorbed through skin. This product contains low levels of formaldehyde which is toxic and may cause heritable genetic changes.

NR IV:

Flammable. Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

Skin contact: Wash skin immediately with plenty of water.
Eye contact: Rinse immediately with plenty of water and seek medical advice.
Ingestion: Obtain medical attention.
Instructions for physician: Symptomatic treatment by a physician.

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5. FIRE-FIGHTING MEASURES

Extinguishing media: water spray, Carbon dioxide, dry chemical powder or appropriate foam.
Special risks: Emits toxic fumes under fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage: Smaller quantities can be washed off with plenty of water.

Absorbent material: No restriction.

Actions to be taken to limit damage: Special measures to limit damage are not necessary.

7. HANDLING AND STORAGE

Handling: Avoid inhalation, avoid contacts with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage: Store at temperature of 2-8°C.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: Safety glasses

Hand protection: Protective gloves

Hygiene measures: Wash hands before breaks and at the end of workday."

9. PHYSICAL AND CHEMICAL PROPERTIES

All kit ingredients:

Form: liquid

Miscibility with water: completely miscible

10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use

Hazardous decomposition products: only in small concentrations

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11. TOXICOLOGICAL INFORMATION

SR III:

This product contains low levels of formaldehyde which is toxic and may cause heritable genetic changes.

SR I, SR II, SR IV:

Not available or not relevant for concentrations used in product

12. ECOLOGICAL INFORMATION

Water hazard class: Not hazardous

13. DISPOSAL CONSIDERATIONS

Waste disposal route: Small quantities may be disposed off in waste water.

Disposal of empty packaging: Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

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