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# Safety Data Sheet

# LIQUID DAB CHROMOGEN

Doc. No. 931-HK124-EN, Rev: B
Date of Release : 09-November, 2011

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

PRODUCT NAME LIQUID DAB CHROMOGEN

PRODUCT NO. HK124-05K,HK124-5K,HK124-7K,HK124-9K

SUPPLIER
Emergo Europe
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MANUFACTURER
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## 2 COMPOSITION/INFORMATION ON INGREDIENTS

| Name | EC No. | CAS-No. | Content | Classification |
|---|---|---|---|---|
| 3,3-DIAMINOBENZIDINE TETRAHYDROCHLORIDE | 231-018-9 | 7411-49-6 | 1-5% | T;R25. Carc 3;R40. Xi;R36/37/38. |

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

## 3 HAZARDS IDENTIFICATION

Harmful if swallowed. Limited evidence of a carcinogenic effect.

CLASSIFICATION Xn;R22. Carc 3;R40.

## 4 FIRST-AID MEASURES

### GENERAL INFORMATION

Get medical attention immediately!

### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### INHALATION

N/A.

### INGESTION

Get medical attention.

### SKIN CONTACT

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water.

### EYE CONTACT

Immediately flush with plenty of water or eyewash solution for up to 10 minutes.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

This product is not flammable.

### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

### UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

The product is non-combustible. If heated, harmful vapours may be formed.

PROTECTIVE MEASURES IN FIRE

Wear full protective clothing.

## 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

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

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Wear necessary protective equipment.

## 7 HANDLING AND STORAGE

USAGE PRECAUTIONS

No specific usage precautions noted.

STORAGE PRECAUTIONS

No specific storage precautions noted.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

## 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 acids and oxidising substances.

HAZARDOUS POLYMERISATION

Unknown.

MATERIALS TO AVOID

Strong oxidizing substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire or high temperatures may form toxic and corrosive vapours.

## 11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

No information specific to this product is available.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin.

EYE CONTACT

Irritating to eyes.

TARGET ORGANS

Kidneys, central nervous system, liver, cardiovascular system, eyes

## 12 ECOLOGICAL INFORMATION

ECOTOXICITY

No data on possible environmental effects have been found.

## 13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste is classified as special waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

DISPOSAL METHODS

Incinerate in suitable combustion chamber.

## 14 TRANSPORT INFORMATION

## 15 REGULATORY INFORMATION

LABELLING

Harmful

CONTAINS

3,3-DIAMINOBENZIDINE TETRAHYDROCHLORIDE

RISK PHRASES

| | |
|---|---|
| R22 | Harmful if swallowed. |
| R40 | Limited evidence of a carcinogenic effect. |

SAFETY PHRASES

| | |
|---|---|
| S36/37 | Wear suitable protective clothing and gloves. |
| S60 | This material and/or its container must be disposed of as hazardous waste. |

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC. Safety Data Sheets Directive (91/155/EEC, as amended by Directives 93/112/EC and 2001/58/EC).

## 16 OTHER INFORMATION

REVISION COMMENTS

Compiled in accordance with 1999/45/EC (Dangerous Preparations DIrective) and 28th ATP (Adaptation to Technical Progress) to 67/548/EEC (Dangerous Substances Directive).

RISK PHRASES IN FULL

| | |
|---|---|
| R25 | Toxic if swallowed. |
| R36/37/38 | Irritating to eyes, respiratory system and skin. |
| R40 | Limited evidence of a carcinogenic effect. |