

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Eriochrome black T

Manufacturer/supplier identification

Company: Guangdong Guanghua Sci-Tech Co.,Ltd

Address: No.295 Daxue Road,Shantou

PostCode:515000

E-mail: export@ghotech.com

Emergency telephone No.: +86-754-82515813

Fax No.: +86-754-88221999

2. Hazards identification

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS) regulations

Hazardous to the aquatic environment short-term (acute) hazard (Category 2)

Label elements

Pictogram none

Signal word none

Hazard statement(s)

H401 Toxic to aquatic life

Precautionary statement(s)

P273 Avoid release to the environment.

P501 Dispose of contents/ container to an approved waste disposal plant.

Supplemental Hazard Statements

none

3. Composition/information on ingredients

Synonyms

Eriochrome black T

CAS-No.: 1787-61-7

M: 461.38 g/mol

Molecular formula: C₂₀H₁₂N₃NaO₇S

4. First aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If necessary, use resuscitator (Ambu-Bag) with oxygen. If swallowed, give water to drink. If vomited, do not vomit. If exposed to eyes, immediately flush eyes with plenty of water for at least 15 minutes. If exposed to skin, wash with plenty of water for at least 15 minutes. If exposed to clothing, remove contaminated clothing and wash immediately. If exposed to liquid, wash immediately with plenty of water for at least 15 minutes. If exposed to solid material, remove contaminated clothing and wash immediately. If exposed to dust, remove contaminated clothing and wash immediately. If exposed to gas, move person into fresh air. If not breathing, give artificial respiration. If necessary, use resuscitator (Ambu-Bag) with oxygen. If swallowed, give water to drink. If vomited, do not vomit. If exposed to eyes, immediately flush eyes with plenty of water for at least 15 minutes. If exposed to skin, wash with plenty of water for at least 15 minutes. If exposed to clothing, remove contaminated clothing and wash immediately. If exposed to liquid, wash immediately with plenty of water for at least 15 minutes. If exposed to solid material, remove contaminated clothing and wash immediately. If exposed to dust, remove contaminated clothing and wash immediately.

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures**Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage**Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls and personal protection**Appropriate engineering controls**

General industrial hygiene practice.

Personal protective equipment**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. Physical and chemical properties

Form: powder

Colour: Brownish black

Odour: not available

GHTECH

heet

JHD

Mat

pH value: not available

Melting point: not available

Boiling point: not available

Ignition temperature: not available

Flash point: not available

Autoignition temperature: not available

Explosion limits ts



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