



# Qualikems Lifesciences Pvt. Ltd.

(Formerly known as Qualikems fine chem Pvt Ltd)

Works : Plot No. 68-69,G.I.D.C Industrial Estate,Nandesari,Vadodara-391340 (Gujarat)

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Product identifiers

Product name : **Eosine Spirit Soluble**

CAS-No. : **6359-05-3**

## 2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Industrial & for professional use only.

### Details of the supplier of the safety data sheet

Company : Qualikems Lifesciences Pvt Ltd

Works : Plot No. 68.69,G.I.D.C  
Industrial Estate, Nandesari,  
Vadodara-391340 (Gujarat)

### Emergency telephone number

Emergency Phone # : +91-265-2841531 (9:00am - 6:30 pm) [Office hours]

## 2. HAZARDS IDENTIFICATION

### 1. Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.  
This substance is not classified as dangerous according to Directive 67/548/EEC.

### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 3. Other hazards - none

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Synonyms : Eosin alcohol soluble  
2',4',5',7'-Tetrabromoeosin ethyl ester potassium salt  
Solvent Red 45  
Formula :  $C_{22}H_{11}Br_4KO_5$   
Molecular Weight : 714,07 g/mol

## 4. FIRST AID MEASURES

### Description of first aid measures

#### ed

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

#### In case of skin contact

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Indication of any immediate medical attention and special treatment needed**

no data available

**5. FIREFIGHTING MEASURES****Extinguishing media****Suitable extinguishing media**

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

**2 Special hazards arising from the substance or mixture**

Carbon oxides, Hydrogen bromide gas, Potassium oxides

**3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Further information**

no data available

**6. ACCIDENTAL RELEASE MEASURES****1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

**7. HANDLING AND STORAGE****1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

**2 Conditions for safe storage, including any incompatibilities**

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

**3 Specific end uses**

no data available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****1 Control parameters**

Components with workplace control parameters

**2 Exposure controls****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.

**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).

**9. PHYSICAL AND CHEMICAL PROPERTIES****1 Information on basic physical and chemical properties**

- |   |                                  |
|---|----------------------------------|
| a) Appearance                                   | Form: powder<br>Colour: dark red |
| b) Odour  | no data available                |
| c) Odour Threshold                              | no data available                |
| d) pH   | no data available                |
| e) Melting point/freezing point                 | no data available                |
| f) Initial boiling point and boiling range      | no data available                |
| g) Flash point                                  | no data available                |
| h) Evaporation rate                             | no data available                |
| i) Flammability (solid, gas)                    | no data available                |
| j) Upper/lower flammability or explosive limits | no data available                |
| k) Vapour pressure                              | no data available                |
| l) Vapour density                               | no data available                |
| m) Relative density                             | no data available                |
| n) Water solubility                             | no data available                |
| o) Partition coefficient: n-octanol/water       | no data available                |
| p) Autoignition temperature                     | no data available                |
| q) Decomposition temperature                    | no data available                |
| r) Viscosity                                    | no data available                |
| s) Explosive properties                         | no data available                |
| t) Oxidizing properties                         | no data available                |

**Other safety information**

no data available

## 10. STABILITY AND REACTIVITY

- 10.1 **Reactivity**  
no data available
- 10.2 **Chemical stability**  
no data available
- 10.3 **Possibility of hazardous reactions**  
no data available
- 10.4 **Conditions to avoid**  
no data available
- 10.5 **Incompatible materials**  
Strong oxidizing agents
- 10.6 **Hazardous decomposition products**  
Other decomposition products - no data available

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity**  
no data available

**Skin corrosion/irritation**  
no data available

**Serious eye damage/eye irritation**  
no data available

**Respiratory or skin sensitization**  
no data available

**Genotoxicity**  
no data available

#### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**Reproductive toxicity**  
no data available

**Specific target organ toxicity - single exposure**  
no data available

**Specific target organ toxicity - repeated exposure**  
no data available

**Aspiration hazard**  
no data available

#### **Potential health effects**

<b>Inhalation</b>	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Ingestion</b>	May be harmful if swallowed.
<b>Skin</b>	May be harmful if absorbed through skin. May cause skin irritation.
<b>Eyes</b>	May cause eye irritation.

#### **Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**  
RTECS: Not available

