



Date Issued: 11/29/2010
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MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Cat#: E-YP50GR
Part Name: EOSIN Y CERTIFIED CI 45380
Supplier: Triangle Biomedical Sciences, Inc. (TBS)
3014 Croasdaile Drive
Durham, NC 27705
Phone: 919-384-9393

Emergency Notification: ChemTel Inc. 1-888-255-3924 International +01-813-248-0585

Section 2: Composition/ Information on Ingredients

| Item# | Name | CAS# | Fraction |
|-------|---------|-----------|----------|
| 1 | Eosin Y | 017372871 | 1 |

OSHA (ACGIH) Exposure Limits

| | TWA | | STEL | | CEILING | | |
|-----------------|--------|-------|------|-------|---------|-------|----|
| | ppm | mg/m3 | ppm | mg/m3 | ppm | mg/m3 | |
| CAS#: 017372871 | OSHA: | NE | NE | NE | NE | NE | NE |
| IDLH: NE | ACGIH: | NE | NE | NE | NE | NE | NE |

Section 3: Hazards Identification

Toxicological properties are not known.

Hazard Ratings:

These ratings are TBS' own assessments of the properties of the material using the ANSI/NFPA 704 Standard.

Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

Health Flammability Reactivity

1 ----- 1 ----- 0

Section 4: First Aid Measures

Brush off the skin.

Flush eyes with flowing water for at least 15 minutes.

If swallowed, NO NOT INDUCE vomiting. Give 8 oz. of water or milk to drink. Call a physician or the POISON CONTROL CENTER immediately. Never

give anything by mouth to an unconscious person.

Separate eyelids with finger tips.

Section 5: Fire Fighting Measures

Flash point, deg F.: no data Method:

UEL: no data LEL: no data Autoignition temperature, deg. F.: no data

Flammability Classification: no data Flame Propagation Rate: no data

Hazardous Combustion Products: bromine compounds

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

Section 6: Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

No special measures are indicated.

Section 7: Handling and Storage

Store at 25 deg. C.

Section 8: Exposure Controls/ Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves. Use process enclosures, local exhaust ventilation, or other engineering controls.

Section 9: Physical and Chemical Properties

| | | | |
|-----------------|---|-------------------|-------------|
| Formula: | C ₂₀ H ₆ Br ₄ Na ₂ O ₅ | vapor pressure: | no data |
| Formula Weight: | 691.9 | vapor density: | no data |
| boiling point: | no data | Specific gravity: | 0 |
| melting point: | no data | ph: | no data |
| solubility: | soluble | appearance: | rust powder |

Section 10: Stability and Reactivity

| | |
|---------------------------------------|----------------|
| Chemical Stability: | stable |
| Conditions to Avoid: | no data |
| Incompatibility with other materials: | no data |
| Hazardous Decomposition Products: | no data |
| Hazardous Polymerization: | will not occur |

Section 11: Toxicological Information

Acute Data: LD₅₀ oral mouse 2344 mg/Kg; LD₅₀ skin rabbit 3.97 ml/Kg
Subchronic data: IARC cancer animal inadequate evidence

Section 12: Ecological Information

no data

Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference to 40 CFR Part 261.33. If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

| CAS# | Waste Code | Regulated Name |
|-----------|------------|----------------|
| 017372871 | not listed | not listed |

Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

Section 15: Regulatory Information

All components of this product are on the TSCA public inventory.

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required

Prop 65 - Column A identifies those items which are known to the State of California to cause cancer. Column B identified items which are known to the State of California to cause reproductive toxicity.

| CAS# | Column A | Column B |
|-------------|-----------------|-----------------|
| 017372871 | no | no |

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

| CAS# | |
|-------------|------------|
| 017372871 | not listed |

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)

This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

| CAS# | Regulated Name | de minimis conc. | %Rep. Thres. |
|-------------|-----------------------|-------------------------|---------------------|
| 017372871 | not listed | not listed | not listed |

SARA Extremely Hazardous Substances and TPQs

This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

| CAS# | Regulated Name | TPQ (pounds) | EHS-RQ(pounds) |
|-------------|-----------------------|---------------------|-----------------------|
| 017372871 | not listed | not listed | not listed |

CERCLA

The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

| CAS# | Regulated name | RQ pounds |
|-------------|-----------------------|------------------|
| 017372871 | Not listed | Not listed |

Section 16: Other Information

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END OF MSDS

NA = not applicable

NL = not listed

NE = not established

NNR = not normally required