



RIGANA MANUFACTURING

GREEN 65 FUEL DYE MSDS SHEET



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GREEN 65 FUEL DYE

MSDS SHEET UPDATED: MAY 2024

| Product Information | |
|---------------------|--|
| Product Name | Solvent Green 65 |
| C.I. Name | Solvent Green dye |
| CAS No. | 71819-49-3 (Anthraquinone & Azo dye blend) |

| Physical Data | |
|----------------------------|------------------|
| Form | Liquid |
| Colour | Dark Green |
| Odour | Typical Aromatic |
| Specific Gravity | 0.93 – 1.01 |
| Boiling Point | More than 180°C |
| Flash Point | More than 62°C |
| Viscosity Kinematic @ 15°C | 25 -200 cst |
| Solubility - Water | Insoluble |
| Benzene | Soluble |
| Xylene | Soluble |
| Oils | Soluble |

| Chemical Data | |
|-------------------|---------------------|
| Chemical Class | Azo & Anthraquinone |
| Active Matter | 60% |
| Solvents | Appx.40% |
| Solvent Chemistry | C10-C12 Solvents |

| Hazardeous Ingredients | | | |
|------------------------|------------|-------------------|-------------------|
| CHEMICAL NAME | CAS# | OSHA PEL | ACGIH TLV-TWA |
| C10 | 64742-94-5 | 100 PPM, 150 STEL | 100 PPM, 150 STEL |
| SOLVENT DYES | 71819-49-3 | N.A. | N.A. |
| | 29120-28-1 | | |
| | 67990-27-6 | | |
| | 17354-14-2 | | |

| Reactivity Data | |
|-------------------------------------|--|
| Stability | Stable. |
| Polymerisation | Does not occur. |
| Incompatibility(Materials to avoid) | Oxidising & reducing agents. |
| Thermal Decomposition Products | If heated to high temperature, the product may emit amines, nitrogen oxides, smoke, toxic fumes. |

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| Fire & Explosive Data | |
|-----------------------|---|
| Flash Point | > 62°C |
| Lower Explosive Limit | N.A |
| Upper Explosive Limit | N.A |
| Extinguishing Media | Foam, DCP, CO2 Cylinder or water spray. |
| Special precautions | Should be treated as class B Compounds. Sparks, static electricity should be avoided. Suitable air breathing apparatus should be used to protect from hazardous combustible products. |

| Emergency and First Aid Instructions | |
|--------------------------------------|---|
| Eye contact | Flush eyes with water for at least for 15 minutes. Get prompt medical attention. |
| Skin contact | Remove contaminated clothings and shoes, wash affected areas with soap and water. If irritation develops, consult a physician. Wash contaminated clothings separately with soap before reuse. |
| Inhalation | Remove to fresh air. If symptoms develop take medical help. If not breathing, give artificial respiration preferably mouth to mouth. |
| Ingestion | Take medical help. Induce vomiting either by giving salt water or by sticking fingers down the throat. Do not give anything by mouth if the person is drowsy, unconscious. |

| Spill or Leak Procedure | |
|---|--|
| Steps to be taken in case material is released or spilled | Soak up spills with sand or earth. Small spills can be washed with soap water. |
| Waste disposal method | Incinerate. Do not dispose in sewer. |

| Special Precautions & Storage Data | |
|------------------------------------|--|
| Storage temp. | Ambient. |
| Precautions | Keep away from heat, sparks & open flame. Keep container closed. Use proper ventilation. Avoid contact with eyes and skin. |

| Protective Equipment | |
|----------------------|--|
| Eyes | Use safety goggles. |
| Hands | Use rubber gloves. |
| Respirator | Good ventilation. In emergency use self-breathing apparatus. |

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Transportation Data

| | |
|--------------------------|----------------------------------|
| IMO proper shipping Name | Environmentally Hazardous liquid |
| | Substance N.O.S |
| IMO UN No. | 3082 |
| IMO UN Class | 9 |
| IMDG Code page | N.A |
| Packing Group | III |

Label Data

| | |
|---------------------|------------------|
| Label required | Yes |
| Common Name | Solvent Green 79 |
| Chronic Hazard | Yes |
| Signal Word | Danger |
| Acute Health Hazard | Moderate |
| Contact Hazard | Moderate |
| Fire Hazard | Moderate |
| Reactivity Hazard | None |

Toxicology

| | |
|----------------------------|----------------------------------|
| Acute Oral Toxicity (Rats) | LD50>5000mg/kg. |
| Skin Irritation (Rabbits) | Irritation on Prolonged Exposure |
| Route of Entry | Inhalation, Skin, Ingestion. |
| Carcinogenicity – NTP | No |
| Carcinogenicity – IARC | No |
| Carcinogenicity – OSHA | No |

Ecological Effects

Not studied. However, as solubility in water is extremely low it should not affect the aquatic life. Product can be mechanically separated in effluent treatment plants.

Company Information

| | |
|-----------|---|
| Company | Rigana Manufacturing (PTY) LTD |
| Address | 17 Clark Road, Westmead, Pinetown, South Africa, 3610 |
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DISCLAIMER

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