

Material Safety Data Sheet

1. Identification of Substance /Preparation and Company

Product Name : Fluorescent Acid dye color fixing agent N-902
Another Name : -
Recommend Usage : -
Information of Manufacturer or Supplier : GRACESS INTERNATIONAL CO., LTD. 29F.-3, No. 86, Sec. 1, Beixin Rd., Xindian Dist., New Taipei City 231002, Taiwan (R.O.C.)
Emergency Phone/Fax : +886-2-2673-3998 /+886-2-2673-3995

2. Hazards Identification data

Hazard classification: -
Label: -
Symbol: -
Caution: -
Hazard alarm: It may causes irritation, headaches, fatigue, blurred vision, and suppresses the central nervous system.
Hazard preventive measure: -
Other hazard: no information

3. Composition/ Information of Ingredients

Mixtures: -

Materials name	CAS Number	%
<i>Specially modified polymer</i>	Confidential	40

4. First Aid measure

First aid measure:

Inhalation: If any symptoms, move to fresh air place.

Skin: Remove contaminated clothes and flush skin with plenty of soap and water.

Eyes: Flush eyes with plenty of water at least 15 minutes and get medical aid at once.

Ingestion: Rinse the mouth and drink a lot of water and get medical aid.

The most harmful effect: Mildly irritating to eyes.

Protection of first-aid person: No information.

Suggestion to doctors: No information.

5. Fire Fighting Measure

Suitable extinguishing media: Carbon dioxide, ABC chemical dry powder, foam extinguisher.

Special hazards from fire fight: -

Special fire measure: Water can absorb heat and cool containers in the form of a spray or droplet to protect exposed materials. Vapors can re-ignite by mixing with air; locate upwind to avoid inhalation of hazardous vapors or toxic gases. Isolates unignited material and protects personnel.

Special protect equipment of fire fighter: Firefighters should wear chemical-resistant protective clothing and portable breathing apparatus.

6. Accidental release measures

Personal precaution: Wear safety goggles and protective gloves.
Environmental precautions: Prevent the leakage get into any kinds of sewer system.
Cleaning method: Using appropriate absorbing materials and containers.

7. Handling and Storage

Handling: Placed in a well-ventilated place.
Storage: 1. Keep container sealed. 2. Prevent the container from bumping 3. Storage with well adequate ventilation and cool dry places. 4. Keep the path and exit in clear. 5. Do not return the polluted liquid to the container. 6. Clear labeling.

8. Exposure Controls

Engineering controls: Supplying plenty of fresh air.
Control's parameter: PC-TWA/PC-STEL/PC-MAC: No information.
Personal protective equipment: Respirator: Wear activated carbon face masks or self-contained breathing apparatus. Hand protection: Safety rubber or plastic gloves. Eye protection: Safety goggle is recommended.

Skin and body protection: Wear working suits or aprons.

Health measure: 1. Clean the suit after use and before discard. 2.Wash hands thoroughly after work.
3.Keep the working place clean.

9. Physical and Chemical Properties

Appearance: Liquid	Solid contents (%): $42 \pm 1\%$
Color: Reddish brown	pH value: 2 ± 1
Odor: -	Ionicity: Anionic
Odor Threshold Value: -	Boiling point/range: 100°C
Inflammability: non-flammable	Explosion limit: -
Decomposition temperature: -	Vapor density: -
Auto-ignition temperature: -	Solubility: Soluble in water.
Vapor pressure: -	Chemical reactivity: -
Density: -	Evaporation rate: -
Log KOW: -	Flash point: -

10. Stability and Reactivity

Stability: Stable.

Possible harmful reaction under special condition: -

Avoiding state: Avoid flames, sparks, static electricity, heat and all sources of ignition.

Avoiding substance: Strong oxidizers, strong acids, perchlorates, sulfur dichloride.

Harmful decomposed substance: -

11. Toxicological Information

Exposure route: No information.

Symptoms: No information.

Acute toxicology: No information.

Chronic toxicity/ long-term toxicity: No information.

12. Ecological Information

Ecotoxicity: No information.

Persistence and degradability: No information.

Bioaccumulative potential: No information.

Mobility in soil: No information.

Other adverse effects: No information.

Remark: -

13. Disposal Considerations

Waste treatment method: Waste material must be recycled or disposed in accordance with the local regulations.

Hazard disposal: No information.

14. Transport Information

UN-number: Non-dangerous goods
UN shipping name: Non-dangerous goods
DG hazard class: Non-dangerous goods
Marine pollutant: -
Special transport way and precaution: Drums are transported by truck and must with clear mark. If transferring by tank truck, the tank truck must be marked.

15. Regulatory Information

Suitable regulations: 1. Labor safety and sanitation rules 2. Dangerous and harmful substance labeling and general rules 3. Traffic safety rule 4. Industrial waste storage and removal methods and facilities standards.

16. Other Information

Literature	-
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