

Environment Precautions	avoid inhalation, ingestion, contact with skin and eyes. : Must take suitable measure due to avoid discharge to environment such as river, sewer.
Methods for Cleaning up	: Wipe off and collect spilled liquid with absorber such as cloths, sand, diatom earth.

(7. HANDLING and STORAGE)

Handling	Technical measure : Must put on protectors to avoid inhalation, ingestion, contact with skin and eyes.
Precaution for safety handling	: Be careful not to break containers and keep away from oxidizing agent, reducing agent, peroxide, strong acid, strong alkali, etc.
Storage	Technical measure : Store in the sealed containers and keep in the safety place
Incompatible materials	: Oxidizing agent, Reducing agent, Peroxide, Strong acid, Strong alkali, etc.
	Storage condition : Store in the sealed containers and keep in the place where temperature is between 0°C and 40°C.
	Container : Store with the container that we deliver.

(8. EXPOSURE CONTROL / PERSONAL PROTECTION)

Managing Concentration	: No Data available
Permitted Concentration	: No Data available [Japan Association on Industrial Health 1994 edition, ACGIH *1 1993-96 edition]
Facility Measures	: Exhauster, etc.
Protector	: Goggles, Gloves, Mask, Rubber-shoes

(9. PHYSICAL and CHEMICAL PROPERTIES)

Physical state	: Liquid	Density	: approx. 1.09g/cc
Appearance	: Yellow	Viscosity	: 2-8cps (at 20°C)
P H	: 7.0-9.0	Solubility	: Mingle with water
Boiling point	: 100°C	Flammability	: Flammable after water vaporized

(10. STABILITY and REACTIVITY)

Spontaneous Reactivity and Stability	: Stable under normal conditions
Harmful decomposed products	: Generating Carbon oxide, Carbon dioxide, Nitrogen oxides, etc. when burnt.
Incompatible materials	: Oxidizing agent, Reducing agent, Peroxide, Strong acid, Strong alkali, etc.

(11. TOXICOLOGICAL INFORMATION)

Irritability	
Skin Irritation	: None (Annex V Method, COMMISSION DIRECTIVE 93/21/EEC of EU)
Eye Irritation	: No Data available concerning this product in RTECS **2 issued by NIOSH ***3.
Sensitization	: No Data available (Same as above)
Acute Toxicity	: LD ₅₀ ≥ 5,000mg/kg (Oral, Rat)

Chronic Toxicity : (Data of coloring matter component)
: No Data available concerning this product in RTECS **2 issued by
NIOSH ***3.
Mutagenicity : No Data available (Same as above)
Carcinogenicity : No Data available (Same as above)

(12. ECOLOGICAL INFORMATION)

Degradability : No Data available
Bio accumulation : No Data available
Ecological toxicity : No Data available

(13. DISPOSAL CONSIDERATION)

Dispose in accordance with local, state and federal regulation and legislation.

(14. TRANSPORT INFORMATION)

See "(7. HANDLING and STORAGE)".

(15. REGULATORY INFORMATION)

This is not restricted by any of laws listed as follows:

Chemical Substance Control Act, The Industrial Safety and Health Law, The Fire Service Act,
Regulation of Poison and Toxicant, The Safety of Vessel's Law,
Pollutant Release and Transfer Register Law (PRTR Law)

(16. OTHER INFORMATION)

Read well the section of (4. FIRST AID MEASURES), (7. HANDLING and STORAGE),
(8. EXPOSURE CONTROL / PERSONAL PROTECTION), etc. and be careful for handling.

We made this Material Safety Data Sheet for Textile Dyeing.

Please ask further information for the restrictions and regulations of the other usage.

The supplier makes no warranties, either express or implied, concerning of this product.

User assumes all risks resulting from its use.

1) ACGIH = American Conference of Governmental Industrial Hygienists Inc.

2) RTECS = Registry of Toxic Effects of Chemical Substances

3) NIOSH = National Institute for Occupational Safety and Health
