



SAFETY DATA SHEET

MULTISPERSE PASTE (Various Colours)

Identification of the Substance / Preparation and Company

Product Details

Trade Name : Multisperse Paste (Various Colours)
Product No :

Supplier Details

: LIQUID COLOURS (PTY) LTD
P O BOX 2685
Edenvale
1610
South Africa

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Fax: +27 11 609-8666

Email: info@liquidcolours.co.za

website: www.liquidcolours.co.za

Composition / Information On Ingredients

Chemical Characterisation : Pigments in Water, Ethylene Glycol Dispersion.

Hazardous Ingredients : Ethylene Glycol
Concentration 25 - 70%
Cas Number: 107-21-1
Hazard Symbols Xn
R Phrases
22

Hazards Identification

Emergency Overview : Harmful if swallowed.
Can cause damage to eyes.

First Aid Measures

- General Information** : Remove contaminated clothing immediately and safely dispose.
- Contact with skin** : In case of contact with skin wash off immediately with soap and water and should adverse reaction occur seek medical advice.
- Contact with eyes** : In case of contact with eyes rinse thoroughly with plenty of lukewarm water and seek medical advice. Remove contact lenses if worn.

Accidental Release Measures

- Methods of cleaning Up /taking up** : Pick up with absorbent material (e.g. sand, universal binder, sawdust). Treat as "disposal".

Fire - Fighting Measures

- Suitable Extinguishing Media** : Water Spray Jet
Carbon Dioxide
Dry Powder
Foam

Exposure Controls / Personal Protection

Personal Protective Equipment

- General Protective Measures** : Avoid contact with eyes and skin
- Hygiene Measures** : Keep away from foodstuffs and beverages.
Wash hands after use
Clean skin thoroughly after work.
- Hand protection** : Protective gloves
- Eye protection** : Safety glasses



Physical And Chemical Properties

Appearance

- Form** : Liquid
- Colour** : Various
- Odour** : Slight

Data Relevant To Safety

- Density** : 1.1 – 2.2 grams per cubic centimetre at ± 25°C.
- Solubility In Water** : Miscible at ± 25°C
- Ph Value** : Approximately 6 – 8 at 25°C Aqueous Suspension.
- Viscosity** : Approximately 510 Millipascal second at 25°C.

Handling And Storage

- Handling** : Advice on protection against fire and explosion.
No special measures necessary.
- Storage** : Storage conditions
Keep only in original container at temperature not exceeding 50°C.
Sensitive to frost
Storage class: 10/12
Storage stability: storage period 12 - 24 months

Stability And Reactivity

- Thermal decomposition** : > 80°C
- Hazardous reactions** : No hazardous reactions known (Exception: Multisperse Blue RS8 – please see safety sheet)
- Hazardous decomposition** : None (Exception: Multisperse Blue RS8 – please see safety sheet)
- Products**

Toxicological Information

- Acute oral toxicity** : (LD50) 2000 milligrams per kilogram
- Species** : Rat
- Irritant effect on skin** : Non-irritant
- Irritant effect on eyes** : Irritant
- Risk of serious damage to eyes** : Mild

Disposal Considerations

- Product** : In accordance with current regulations; may be taken to waste disposal site or incineration plant, after consultation with site operator and / or with the responsible authority.
- Name of waste** : Solvent-water mixture without halogenated organic solvents.
- Uncleaned packaging** : Packaging which cannot be cleaned should be disposed of as product waste.

Ecological Information

Data on Elimination and (Persistence and Degradability)

- Physic** : Chemical Eliminability Approximately 46%
- Method** : Iron Sulphate Precipitation.
- Biodegradability** : 50 to 100%
- Method** : Static Test

Exotoxic Effect

- Fish Toxicity** : 12.5 Milligrams Per Litre
- Duration Of Exposure** : 48 Hours
- Bacteria Toxicity** : 500 Milligrams Per Litre
- Method** : Fermentation Tube Test.

Transport Information:

Road Transport

- ADR** : Non - Hazardous Goods
- RID** : Non - Hazardous Goods

Product Characteristic

Hazard No.
Substance No.

Inland Waterways Transport

- ADNR** : Non - Hazardous Goods

Product Characteristic

Marine Transport

- IMDG - Code** : Non - Hazardous Goods
- EMS** : MFAG

Correct Technical Name

- Air Transport**
- ICAO / IATA - DGR** : Non - Hazardous Goods
- Further information** : Dispatch by post permitted

Regulatory Information

- Labelling** : Hazard warning labelling compulsory
- Hazard symbols** : Hazardous component(s) to be indicated on label.
XN harmful Contains ethylene glycol
- : Harmful if swallowed.
Risk of damage to eyes
Keep out of reach of children
Avoid contact with skin and eyes
In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Wear eye / face protection.

Other Information

- Terms of use** : This summarises at the date of issue our best knowledge of health, environmental hazard and safety information related to the product, how to safely handle, use, store and transport the product. Since Liquid Colours cannot anticipate or control the conditions in which the product may be handled, used, stored or transported, every user must prior to usage review the MSDS in relation to intended use, storage and transport of the product in the workplace and elsewhere. Such information should be communicated to all relevant parties. If further information is required please contact Liquid Colours.

Liquid Colours shall not assume any liability for the accuracy or completeness of the information contained herein or any advice given. Liquid Colours sole and exclusive warranty is that it's products comply with Liquid colours published chemical and physical specifications in effect at the time of sale. Liquid Colours liability for claim suits is in all cases limited to the purchase price of the particular quantity of product upon which the claim is based. Under no circumstances shall Liquid Colours be liable for loss of profits or any other indirect and consequential loss or damage.