

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Pigment Dispersion 844/868
Trade Name: Pigment Dispersion 844/868
Revision Date: 17/06/09
Company Name: Chemisys Australia Pty Ltd
A.C.N. 096 578 013
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Hazardous according to the criteria of NOHSC

2. Composition/Information on Ingredients

Ingredients considered hazardous according to the criteria of NOHSC:

Chemical Name	CAS #	Proportion	EU Classification
Xylene	[1330-20-7	<10%	Xn; R20/21/22

Ingredients determined not to be hazardous to 100%

3. Hazards Identification

Flammable
Harmful by inhalation, in contact with skin and if swallowed.
Irritating to skin

4. First Aid Measures

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

Ingestion:

DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

Inhalation:

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Seek medical attention if ill effects persist.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

Note to doctor:

Treat symptomatically.

5. Fire-Fighting Measures

Extinguisher Media:	On large fires use dry chemical, foam, powder, CO ₂ , or water spray. DO NOT use high pressure water jet.
Special Protective Equipment:	Self contained breathing apparatus and protective clothing should be worn.
Hazardous Polymerisation:	Will not occur
Unusual Fire and Explosion Hazards:	Product is flammable and will burn under fire conditions. All potential sources of ignition (open flames, pilot lights, furnaces, spark processes, switches and electrical equipment, static discharge etc.) must be eliminated.
Combustion Products:	Toxic fumes of CO ₂ and other pyrolysis products typical of burning organic may be evolved on burning or exposure to heat. In the event of a fire do not breathe fumes.

6. Accidental Release Measures

Steps to be taken if material is released or spilled:

Wear appropriate protective clothing. Keep unnecessary people away and isolate hazard area. Stay upwind if possible. Restrict access to contaminated area. Shut off all ignition sources, and make sure there are no flares, no smoking or flames in the hazard area. Take precautionary measures against static electricity. Ensure electrical continuity by earthing all equipment. Stop spill at source if you can do so without risk. Keep out of low areas. Water spray may reduce vapour but may not prevent ignition in enclosed spaces. Dike to prevent spreading. Collect free liquid into a recovery vessel. Cleanup material using non sparking tools. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

Container Disposal:

DO NOT reuse container. Dispose of safely.

7. Handling and Storage

Handling:

Avoid contact with skin, eyes and all other personal contact. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact. Wear protective clothing when risk of exposure occurs. Avoid inhalation of vapour or mist. Only use in a well ventilated area and make sure the threshold values in Part 8. of this MSDS are monitored and that the precautions required with the handling of solvents are taken. Do not smoke. Extinguish any flames. Avoid sparks. Electrostatic charges may be generated during pumping. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment. Containers, even those that have been emptied can contain explosive vapours. Do not cut, weld, grind or perform similar operations on or near containers.

Storage:

Store in a Flammable Liquid (Class 3) store at ambient temperature. Keep containers tightly closed when not using product. Store in an area that is cool and dry and away from sources of heat, sparks, sources of ignition or combustibles. Store away from oxidising materials, peroxides, aerosols, silica gel, flammables, corrosives, amines, epoxy resins, strong acids and all other flammable products.

8. Exposure Controls/Personal Protection

Exposure Controls: No exposure standards have been established for this material by NOHSC.

Components with workplace control parameters:

Xylene:	[TWA]	80ppm	350mg/m ³
	[STEL]	150ppm	655mg/m ³

Biological Limit: No biological limit allocated

Ventilation Requirements:

Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation, if risk of overexposure occurs.

Respiratory Protection:

Avoid breathing vapours. Respiratory protection is required in insufficiently ventilated working areas and during spraying. An approved mist respirator with a combination of charcoal filter and particulate filter must be used. Reference should be made to AS/NZS 1715 and AS/NZS 1716 Use and Maintenance of Respiratory Protective Devices for individual circumstances.

Eye Protection:

Eye contact must be avoided. Safety goggles with side shield or a face visor must be worn.

Skin Protection:

Skin contact must be avoided and good personal hygiene practises observed. Protective clothing including impervious chemical nitrile gloves must be worn. Care must be taken while removing gloves and other skin protective equipment to avoid skin contact.

9. Physical and Chemical Properties

Appearance:	Viscous dispersion
Specific Gravity:	~1.8 @ 20 degrees Celsius
Solubility in Water:	Negligible
Odour:	Solvent
Flash Point:	~28 deg Celsius

10. Stability and Reactivity

Stability:	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions.
Incompatibility:	Oxidising agents
Hazardous Polymerisation:	N/A

Combustion Products: Toxic fumes of CO₂ and other pyrolysis products typical of burning organic material may be evolved on burning or exposure to heat. In the event of a fire do not breathe fumes.

Conditions To Avoid: Heat, flames, ignition source and incompatibles.

11. Toxicological Data

Toxicological studies on the preparation are not available.

Acute Toxicity, dermal:

Xylene LD50 rabbit: >2000mg/kg

Acute Toxicity, inhalation:

Xylene LC50 rat: 29.49mg/l, 4h

Additional Information:

Aromatic hydrocarbons irritate the skin and mucous membranes and are narcotic if inhaled in high concentrations. Risk of cutaneous absorption. Solvents may degrease the skin

12. Ecological Information

Do not allow to escape into waterways, or soil.

13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.

Dispose of product and container responsibly and carefully.

Do not dispose of near waterways, down drains or into soil.

14. Transport Information

Classified as hazardous for transport (ADG, UN, IATA/ICAO)

Dangerous Goods Class 3 Flammable

UN-Number: 1263

Packaging group: III

Description of goods: 1263 PAINT RELATED MATERIAL

HAZCHEM: 3[Y]

15. Regulatory Information

Australian Classifications:

Dangerous Goods Class 3 Flammable

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HAZCHEM: 3[Y]

EC Labelling:

Risk phrases:

R10: Flammable

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

Safety phrases:

S ½	Keep locked up and out of reach of children
S16	Keep away from sources of ignition - NO SMOKING
S23	Do not breathe vapour/mist
S24/25	Avoid contact with eyes and skin
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S51	Use only in well ventilated areas

Poison Schedule:

Not Scheduled

16. Other Information

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. Chemisys shall not be responsible for any damage of injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.