

# Material Safety Data Sheet

## DOW CORNING 705 DIFFUSION PUMP FLUID

**Infosafe No.** AD88W      **Issue Date** February 2004      **Status** ISSUED by APSSC

**Not classified as hazardous according to criteria of NOHSC**

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### COMPANY DETAILS

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**Company Name** Asia Pacific Specialty Chemicals Limited (ABN 32000316138)  
**Address** 8 Abbott Road SEVEN HILLS  
NSW 2147  
**Emergency Tel.** 1800 022 037 (24H)  
**Tel/Fax** Tel: (02) 9839 4000 Fax: (02) 9674 6225  
**Other Information** New Zealand: Asia Pacific Specialty Chemicals (NZ) Limited  
119 Carbine Road  
Mt Wellington, Auckland 6  
Emergency Tel: 0800 243 622 (24H)  
Telephone: (09) 276 4019  
Fax: (09) 276 7231

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### IDENTIFICATION

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**Product Code** 1025554  
**Product Name** DOW CORNING 705 DIFFUSION PUMP FLUID  
**Proper Shipping Name** None Allocated  
**Other Names** None Listed  
**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None Allocated  
**Poisons Schedule** Not Scheduled  
**Product Use** Diffusion pump fluid.

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## Physical Data

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<b>Appearance</b>	Clear white to yellow liquid with no odour.
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Vapour Pressure</b>	Not available
<b>Specific Gravity</b>	1.09 (water=1)
<b>Flash Point</b>	> 101.10°C
<b>Flamm. Limit LEL</b>	Not available
<b>Flamm. Limit UEL</b>	Not available
<b>Solubility in Water</b>	Not available

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## Other Properties

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<b>Vapour Density</b>	Not available
<b>pH Value</b>	Not available
<b>Viscosity</b>	180 cSt
<b>Stability</b>	Stable under normal conditions.
<b>Haz.</b>	
<b>Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Oxidizing material can cause a reaction.

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## Ingredients

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Ingredients	Name	CAS	Proportion
	Trimethylpentaphenyltrisiloxane	3390-61-2	60-100 %
	Phenylmethylsiloxane	38421-40-8	10-30 %

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## HEALTH HAZARD INFORMATION

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### Health Effects

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<b>Acute - Swallowed</b>	May cause irritation to the gastrointestinal tract.
<b>Acute - Eye</b>	Direct contact may cause temporary redness and discomfort.
<b>Acute - Skin</b>	May cause irritation to individuals with sensitive skin.
<b>Acute - Inhaled</b>	Inhalation of vapours or spray mists may cause irritation to the respiratory tract.
<b>Chronic</b>	Repeated or prolonged exposure to this material may result in skin irritation.

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### First Aid

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<b>Swallowed</b>	Immediately wash out mouth with water and then give plenty of water to drink. If symptoms develop and persist seek medical attention.
<b>Eye</b>	If contact with the eye(s) occur, wash with water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.
<b>Skin</b>	Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops and persists seek medical attention.
<b>Inhaled</b>	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop and persist seek medical attention.
<b>First Aid Facilities</b>	Normal washroom facilities.

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### Advice to Doctor

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<b>Advice to Doctor</b>	Treat symptomatically.
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## Other Health Hazard Information

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### PRECAUTIONS FOR USE

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<b>Exposure Limits</b>	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).
<b>Eng. Controls</b>	Natural ventilation should be sufficient.

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### Personal Protection

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<b>Respirator Type (AS 1716)</b>	Not required under normal conditions.
<b>Eye Protection</b>	The use of chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.
<b>Glove Type</b>	The use of Nitrile or Neoprene gloves complying with AS/NZS 2161 is recommended.

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### Flammability

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<b>Fire Hazards</b>	Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940.
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### SAFE HANDLING INFORMATION

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#### Storage and Transport

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<b>Storage Precautions</b>	Store in a cool, dry, well-ventilated area, out of direct sunlight. Avoid sparks, flames, and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidizing materials).
<b>Transport</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Handling</b>	Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.
<b>Proper Shipping Name</b>	None Allocated

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## Spills and Disposal

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<b>Spills &amp; Leaks</b>	Remove all sources of ignition. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
<b>Disposal</b>	Disposal of this material should be undertaken by a registered chemical disposal company.

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## Fire/Explosion Hazard

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<b>Hazardous Decomposition or Byproducts</b>	Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
<b>Fire Fighting Procedures</b>	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
<b>Extinguishing Media</b>	Water spray. Carbon dioxide(CO <sub>2</sub> ). Dry chemical. Foam. Water can be used to cool fire exposed containers.
<b>Hazchem Code</b>	None Allocated

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## OTHER INFORMATION

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<b>Toxicology</b>	No toxicity data is available for this material.
<b>Ecological Information</b>	No ecological data is available for this material.

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## CONTACT POINT

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**Contact**

Australia: Business Hours: Mr Paul Verren

Telephone: (02) 9839 4024

After Hours: 1800 022 037

New Zealand: Business Hours: Mr Lloyd Williams

Telephone: (09) 276 4019

Emergency Tel: 0800 243 622

IMPORTANT ADVICE:

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Asia Pacific Speciality Chemicals. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

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End of MSDS

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