

Material Safety Data Sheet

DOW CORNING 704 DIFFUSION PUMP FLUID

Infosafe No. AD6HP **Issue Date** December 2001 **Status** ISSUED by APSSC

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

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

IDENTIFICATION

Product Code 1025546
Product Name DOW CORNING 704 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.

Physical Data

Appearance	White to light yellow odourless liquid
Melting Point	Not available
Boiling Point	Not available
Vapour Pressure	Not available
Specific Gravity	1.07 @ 25°C
Flash Point	> 101°C
Flamm. Limit LEL	Not available
Flamm. Limit UEL	Not available
Solubility in Water	Not available

Other Properties

Viscosity	190.00 CST
Stability	Stable
Haz.	
Polymerization	Hazardous polymerization will not occur
Materials to Avoid	Oxidising materials can cause a reaction

Ingredients

Ingredients	Name	CAS	Proportion
	Tetramethyltetraphenyltrisiloxane	3982-95-82-9	100 %
	Dodecylbenzene sulfonic acid amine salts		0-5 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.
Acute - Eye	Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.
Acute - Skin	Skin contact may cause irritation in susceptible individuals.
Acute - Inhaled	No likely effects.
Chronic	Prolonged or repeated skin contact may cause defatting leading to dermatitis.

First Aid

Swallowed	Do not induce vomiting. Wash out mouth with water and give plenty of water to drink. If symptoms develop seek medical attention.
Eye	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Inhaled	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If symptoms develop seek medical attention.

Advice to Doctor

Advice to Doctor	Treat symptomatically.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC).
Eng. Controls	Use good general ventilation. Traces of benzene (carcinogen) may form if heated in air above 149°C. Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures.

Personal Protection

Respirator Type (AS 1716)	None should be needed. However, if engineering controls are not effective in controlling airborne exposure then a half facepiece respirator with a replaceable organic vapour filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
Eye Protection	Safety glasses with side shields or goggles should be worn as described in Australian Standard AS/ANZ 1337 - Eye Protectors for Industrial Applications.
Glove Type	Impervious PVC or rubber gloves may be worn to prevent skin contact.
Clothing	Suitable workwear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.
Work/Hygienic Practices	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Flammability

Fire Hazards	Classified as a Class C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.
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SAFE HANDLING INFORMATION

Storage and Transport

Storage**Precautions**

Store in a cool, dry, well-ventilated area away from oxidising materials.

Transport

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Proper

Shipping Name None Allocated

Spills and Disposal

Spills & Leaks

Remove all sources of ignition. Increase ventilation. Wear full protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. 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. Small spillages should be soaked up in a non-combustible absorbent material and transferred to a suitable closed container. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents.

Disposal

Dispose of according to relevant local, state and federal government regulations.

Fire/Explosion Hazard

Fire/Explos.**Hazard**

Combustible liquid. This product will burn if exposed to fire.

Hazardous**Decomposition or Byproducts**

Silicon dioxide, formaldehyde, oxides of carbon and traces of incompletely burned carbon compounds.

Fire Fighting Procedures

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. Water may be used to cool fire exposed containers.

Extinguishing**Media**

Water spray, foam or dry agent.

Hazchem Code

None Allocated

OTHER INFORMATION

Toxicology No toxicology data available for this product.

CONTACT POINT

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.

End of MSDS
