

Material Safety Data Sheet

PRODUCT NAME **VANISH JF**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name JOHNSONDIVERSEY AUSTRALIA PTY LTD
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Web Site <http://www.johnsondiversey.com>

Synonym(s) HH15483 VANISH JF 2X2.5L
Use(s) CLEANING AGENT, TOILET CLEANER

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

RISK PHRASES

R34 Causes burns.

SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S37/39 Wear suitable gloves and eye/face protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	3264	Hazchem Code	2X	Pkg Group	III
DG Class	8	Subsidiary Risk(s)	None Allocated	EPG	8A1

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
PHOSPHORIC ACID	H3-P-O4	53%	7664-38-2
WATER	H2O	10-30%	7732-18-5
SURFACTANTS	Not Available	<13%	Not Available
PERFUME	Not Available	<5%	Not Available
DYE	Not Available	<1%	Not Available

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4. FIRST AID MEASURES

Eye	Hold eyelids apart and flush continuously with water. Continue until advised to stop by the Poisons Information Centre, a doctor, or for at least 15 minutes. Keep patient calm.
Inhalation	Leave area of exposure immediately. If assisting a victim avoid becoming a casualty, wear a Type B (Inorganic and acid gas) respirator where an inhalation risk exists. If victim is not breathing apply artificial respiration and seek urgent medical attention.
Skin	Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
Ingestion	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
Advice to Doctor	Treat symptomatically
First Aid Facilities	Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

Flammability	Non flammable. May evolve toxic gases (phosphorus oxides) when heated to decomposition. Contact with most metals may liberate flammable hydrogen gas.
Fire and Explosion	Non flammable. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing	Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
Hazchem Code	2X

6. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt (bulk), contact emergency services. Wear full length PVC or rubber gloves, a Full-face Type B (Inorganic and acid gas) respirator, coveralls, an apron and boots. Prevent spill entering drains or waterways. Absorb spill with sand or similar and place in sealable containers for disposal.
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7. STORAGE AND HANDLING

Storage	Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents (eg. hypochlorites), alkalis (eg. hydroxides), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation systems.
Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas (eg. if container is damaged).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation	Ensure adequate natural ventilation. Maintain vapour levels below the recommended exposure standard.
Exposure Standards	PHOSPHORIC ACID (7664-38-2) ES-STEL : 3 mg/m ³ ES-TWA: 1 mg/m ³ WES-TWA: 1 mg/m ³
PPE	Wear splash-proof goggles and rubber or PVC gloves. Where an inhalation risk exists, wear a Type B (Inorganic and Acid gas) Respirator. When using large quantities or where heavy contamination is likely, wear coveralls, a rubber or a PVC apron and PVC or rubber boots.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	TRANSPARENT RED LIQUID	Solubility (water):	SOLUBLE
Odour:	PINE/FLORAL ODOUR	Specific Gravity:	1.367
pH:	1.0 - 1.5	% Volatiles:	NOT AVAILABLE
Vapour Pressure:	17.5 mm Hg @ 20 C	Flammability:	NON FLAMMABLE
Vapour Density:	NOT AVAILABLE	Flash Point:	NOT RELEVANT
Boiling Point:	100 C	Upper Explosion Limit:	NOT RELEVANT
Melting Point:	< 0 C	Lower Explosion Limit:	NOT RELEVANT
Evaporation Rate:	AS FOR WATER	Autoignition Temperature:	NOT AVAILABLE
Exposure Standard:	1 mg/m3 Phosphoric acid		

10. STABILITY AND REACTIVITY

Reactivity	Incompatible with oxidising agents (eg. hypochlorites, peroxides), alkalis (eg. sodium hydroxide) and heat sources.
Decomposition Products	May evolve toxic gases (phosphorus oxides) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	This product has the potential to cause acute and chronic health effects with over exposure. Use safe work practices to avoid eye or skin contact or vapour inhalation. Due to product size, the potential for adverse health effects is reduced. Dilution further reduces the potential hazard.
Eye	May result in pain, redness, corneal burns and ulceration with possible permanent damage with prolonged contact.
Inhalation	Over exposure may result in mucous membrane irritation of nose and throat, coughing & bronchitis. At high levels; ulceration of the respiratory tract, chemical pneumonitis and pulmonary oedema. When used in small quantities, the potential for over exposure is reduced.
Skin	Contact may result in skin rash, dermatitis, blistering and burns. Prolonged contact may result in severe burns and ulceration.
Ingestion	Ingestion may result in burns to the mouth and throat, with vomiting, ulceration and perforation of the gastrointestinal tract, breathing difficulties, circulatory collapse and coma. The manufacturer reports that the oral LD50 (rat) is > 5 g/kg.
Toxicity Data	PHOSPHORIC ACID (7664-38-2) LD50 (Ingestion): 1530 mg/kg (rat) LD50 (Skin): 2740 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Environment	Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Neutralise with lime, weak alkali or similar. For small amounts absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.
Legislation	Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

Shipping Name	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.				
UN No.	3264	Hazchem Code	2X	Pkg Group	III
DG Class	8	Subsidiary Risk(s)	None Allocated	EPG	8A1

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15. REGULATORY INFORMATION

Poison Schedule AICS Classified as a Schedule 6 (S6) Poison using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ACIDS: When mixing acids with water (diluting), caution must be taken as heat will be generated which causes violent spattering. Always add a small volume of acid to a large volume of water, NEVER the reverse.

ABBREVIATIONS:

mg/m³ - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Report Status

This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

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End of Report