

PRODUCT NAME ASSET JF

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name JOHNSONDIVERSEY AUSTRALIA PTY LTD
Address 29 Chifley St, Smithfield, NSW, AUSTRALIA, 2164
Telephone (02) 9757 0300
Fax (02) 9725 5767
Emergency 1800 033 111 (24 hrs)
Email aust.receptionist@johnsondiversey.com
Web Site http://www.johnsondiversey.com

Synonym(s) 4511895 ASSET JF 2X2.5L
Use(s) CLEANING AGENT • HARD SURFACE CLEANER
MSDS Date 13 June 2007

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

RISK PHRASES

R22 Harmful if swallowed.
R41 Risk of serious damage to eyes.

SAFETY PHRASES

S2 Keep out of reach of children.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Pkg Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	>60%
ETHOXYLATED ALCOHOL C9-C11	Not Available	68439-46-3	<35%

4. FIRST AID MEASURES

Eye Flush gently with running water for 15 minutes.

Inhalation If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin Gently flush affected areas with water.

Ingestion For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor.

Advice to Doctor Treat symptomatically

First Aid Facilities Eye wash facilities and safety shower are recommended.

5. FIRE FIGHTING MEASURES

Flammability	Non flammable.
Fire and Explosion	Non flammable.
Extinguishing	Non flammable.
Hazchem Code	None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage	If spilt (bulk), wear splash-proof goggles and PVC/rubber gloves. Absorb spill with sand or similar and place in sealed containers for disposal. Wash spill site down with water. For small amounts, dilute with water and flush to sewer. Caution; surfaces may be slippery.
-----------------	---

7. STORAGE AND HANDLING

Storage	Store out of direct sunlight and out of the reach of children, in a cool, dry, well ventilated area, removed from oxidising agents (eg. hypochlorites), acids (sulphuric acid), heat sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. 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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	No exposure standard(s) allocated.
Biological Limit Values	No biological limit allocated.
Engineering Controls	Ensure adequate natural ventilation.
PPE	Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	CLEAR RED LIQUID (2.5L CONTAINER)	Solubility (water)	SOLUBLE
Odour	FLORAL ODOUR	Specific Gravity	1.047 (Approximately)
pH	8.5 - 9.0	% 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 (Approximately)	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE	Autoignition Temperature	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Material to Avoid Incompatible with oxidising agents (eg. peroxides) and acids (eg. hydrochloric acid).

Decomposition May evolve toxic gases if heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary This product may only present a hazard with direct eye contact, prolonged and repeated skin contact or with vapour inhalation at high levels. Chronic effects are not anticipated.

Eye Exposure may result in lacrimation, irritation, pain and redness.

Inhalation Over exposure to mists or vapours (if sprayed) may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure (low volatility), considerably reduces the potential for an inhalation hazard.

Skin Prolonged and repeated contact may result in drying and defatting of the skin with rash and dermatitis.

Ingestion With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation. The manufacturer reports that the oral LD50 (albino rat) is > 5 g/kg.

Toxicity Data ETHOXYLATED ALCOHOL C9-C11 (68439-46-3)

LD50 (Ingestion): 1378 mg/kg (rat)

LD50 (Skin): > 2000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Environment This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities, however larger quantities may cause foaming of waterways with adverse effects on aquatic life. At high levels, may dissolve oils on bird feathers with potential for bird to drown. Not expected to bioaccumulate.

13. DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

Shipping Name None Allocated

UN No. None Allocated

DG Class None Allocated

Subsidiary Risk(s) None Allocated

Pkg Group None Allocated

Hazchem Code None Allocated

EPG None Allocated

15. REGULATORY INFORMATION

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

AICS All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information The typical in-use concentration of 1g per 375 mL water (pH = 8, approximately) is not classified as hazardous according to the criteria of NOHSC Australia.

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.

PRODUCT NAME ASSET JF

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.

Prepared By

Risk Management Technologies
5 Ventnor Ave, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

MSDS Date: 13 June 2007

End of Report