

## Material Safety Data Sheet

PRODUCT NAME **SPARKLE 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**  
**Web Site** <http://www.johnsondiverse.com>

**Synonym(s)** HH15345 SPARKLE JF 2X2.5L  
**Use(s)** GLASS CLEANER, HARD SURFACE CLEANER, INDUSTRIAL APPLICATIONS

### 2. HAZARDS IDENTIFICATION

#### CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA

##### RISK PHRASES

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
R36/37 Irritating to eyes and respiratory system.

##### SAFETY PHRASES

S2 Keep out of reach of children.  
S24/25 Avoid contact with skin and 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

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

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Formula	Conc.	CAS No.
ETHYLENE GLYCOL MONOBUTYL ETHER	C6-H14-O2	<50%	111-76-2
AMMONIUM HYDROXIDE	NH4-OH	<4%	1336-21-6
NON HAZARDOUS INGREDIENTS	Not Available	>30%	Not Available
SURFACTANTS	Not Available	<10%	Not Available

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#### 4. FIRST AID MEASURES

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<b>Eye</b>	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.
<b>Inhalation</b>	If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
<b>Skin</b>	Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.
<b>Ingestion</b>	DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.
<b>Advice to Doctor</b>	Treat symptomatically
<b>First Aid Facilities</b>	Eye wash facilities should be available.

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#### 5. FIRE FIGHTING MEASURES

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<b>Flammability</b>	Non flammable. May evolve toxic gases (carbon/nitrogen oxides, hydrocarbons, ammonia) when heated to decomposition.
<b>Fire and Explosion</b>	Combustible. Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides) may be evolved when heated. 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.
<b>Extinguishing</b>	Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
<b>Hazchem Code</b>	None

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#### 6. ACCIDENTAL RELEASE MEASURES

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<b>Spillage</b>	If spilt (bulk), contact emergency services where appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type AK (Organic vapour, Ammonia) respirator (where an inhalation risk exists), coveralls and boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar, collect and place in sealable containers for disposal.
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#### 7. STORAGE AND HANDLING

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<b>Storage</b>	Store in cool, dry, well ventilated area, removed from direct sunlight and out of the reach of children, oxidising agents, alkalis, acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
<b>Handling</b>	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).

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Ventilation</b>	Use with adequate natural ventilation. Open windows and doors where possible. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.
<b>Exposure Standards</b>	ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) ES-STEL : 50 ppm (242 mg/m <sup>3</sup> ) Ethylene glycol monobutyl ether ES-TWA: 20 ppm (96.9 mg/m <sup>3</sup> ) Ethylene glycol monobutyl ether AMMONIUM HYDROXIDE (1336-21-6) ES-STEL : 35 ppm (27 mg/m <sup>3</sup> ) as Ammonia ES-TWA: 25 ppm (18 mg/m <sup>3</sup> ) as Ammonia
<b>PPE</b>	Wear splash-proof goggles and rubber or PVC gloves. Where heavy skin contamination is likely, wear coveralls or protective clothing. Where an inhalation risk exists, wear a Type AK (Organic vapour, Ammonia) respirator.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	CLEAR BLUE LIQUID	<b>Solubility (water):</b>	SOLUBLE
<b>Odour:</b>	STRONG AMMONIA ODOUR	<b>Specific Gravity:</b>	0.982 (Approximately)
<b>pH:</b>	11.5 - 12.5	<b>% Volatiles:</b>	> 60 % (Water)
<b>Vapour Pressure:</b>	18 mm Hg @ 20 C	<b>Flammability:</b>	NON FLAMMABLE
<b>Vapour Density:</b>	NOT AVAILABLE	<b>Flash Point:</b>	NOT RELEVANT
<b>Boiling Point:</b>	100 C (Approximately)	<b>Upper Explosion Limit:</b>	NOT RELEVANT
<b>Melting Point:</b>	< 0 C	<b>Lower Explosion Limit:</b>	NOT RELEVANT
<b>Evaporation Rate:</b>	AS FOR WATER	<b>Autoignition Temperature:</b>	NOT AVAILABLE
<b>Exposure Standard:</b>	25 ppm Ethylene glycol monobutyl ether		

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), alkalis (eg. hydroxides), heat and ignition sources.
<b>Decomposition Products</b>	May evolve toxic gases (carbon/nitrogen oxides, hydrocarbons, ammonia) when heated to decomposition.

## 11. TOXICOLOGICAL INFORMATION

<b>Health Hazard Summary</b>	Use safe work practices to avoid eye - skin contact or vapour generation - inhalation. Due to the ammonia content, this product may cause strong eye and respiratory tract irritation. At high levels of exposure to glycol ethers; kidney, liver, bladder and blood damage may occur. Dilution of this product considerably reduces the potential for over exposure.
<b>Eye</b>	Contact may result in pain, redness, corneal burns and ulceration with possible permanent damage.
<b>Inhalation</b>	Over exposure may result in mucous membrane irritation of the nose and throat with coughing. At high levels; lower respiratory tract irritation, nausea, dizziness, headache and possible breathing difficulties.
<b>Skin</b>	Prolonged contact may result in drying and defatting of the skin, rash and dermatitis. Toxic effects may result from skin absorption.
<b>Ingestion</b>	Ingestion may result in burns to the mouth and throat, nausea, vomiting, abdominal pain and diarrhoea with ulceration and perforation of the gastrointestinal tract. Liver and kidney damage may result.
<b>Toxicity Data</b>	ETHYLENE GLYCOL MONOBUTYL ETHER (111-76-2) LC50 (Inhalation): 700 ppm (mouse) LD50 (Ingestion): 300 mg/kg (rabbit) LD50 (Skin): 230 mg/kg (guinea pig) AMMONIUM HYDROXIDE (1336-21-6) LD50 (Ingestion): 350 mg/kg (rat)

## 12. ECOLOGICAL INFORMATION

<b>Environment</b>	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

<b>Waste Disposal</b>	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.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

<b>Shipping Name</b>	None Allocated				
<b>UN No.</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>Pkg Group</b>	None Allocated
<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated	<b>EPG</b>	None Allocated

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

**Additional Information** SYNERGISM - ANTAGONISM: Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly the Exposure Standard provided for single ingredients should be considered as a guide only and all due care exercised when handling.

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.

### ABBREVIATIONS:

mg/m<sup>3</sup> - 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**