

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION

**Revision Date** 10<sup>th</sup> August 2010  
**Product Name** SPEEDY EUCY BLEACH  
**Other Names** Nil  
**Uses** Bleaching of laundered items and sanitizing

### Contact Information

**Organisation** Windsor Cleaning Solutions  
**Location** 25 Leslie Street, Eaglehawk, Vic. 3556.  
**Telephone** Ph: 03 5446 8320 Mob: 0417 157 044  
**Ask For** Bill Lesuey  
**Poisons Information Centre** Ph: 131126 Australia Wide

## 2. HAZARD IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC.

Dangerous According to the Australian Code for the Transport of Dangerous Goods.

Classified as Dangerous Goods According to NZS 5433:1999.

CORROSIVE

<b>Risk Phrases</b>	R31	Contact with acids liberates toxic gas.
	R34	Causes burns.
<b>Safety Phrases</b>	S1/2	Keep locked up and out of the 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 seek medical advice.
	S27	Take off immediately all contaminated clothing.
	S28	After contact with skin, wash immediately with plenty of water.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

S45	In case of accident or if you feel unwell, seek medical Advice immediately (show the label where possible).
S50	Do not mix with acids.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Chemical Entity	CAS Number	Proportions (%)
	Sodium Hypochlorite	7681-52-9	< 70%

### 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

<b>Swallowed</b>	Immediately rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek immediate medical assistance.
<b>Eye</b>	Immediately irrigate with copious quantities of water for at least 15 minutes holding eyelids open. Take care not to wash contaminated water into the non-affected eye. Seek IMMEDIATE medical attention.
<b>Skin</b>	Immediately wash contaminated skin with lukewarm water for at least 30 minutes. Under running water, remove contaminated clothing. Completely decontaminate clothing before reuse. Seek immediate medical attention.
<b>Inhaled</b>	Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
<b>Advice to Doctor</b>	Treat symptomatically based on individual reactions of patient and judgement of doctor. Note: For advice in an emergency, contact a Poisons Information Centre (Australia 13-11-26 or New Zealand 0800-764-766).

#### Aggravated medical conditions caused by exposure

Repeated or prolonged skin contact may cause chronic contact dermatitis.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	In case of fire, appropriate extinguishing media include water spray, fog or mist, foam, carbon dioxide, or dry chemical powder.
<b>Hazards from</b>	Non-combustible liquid. Will not burn, or support combustion.

**Combustion Products** However, reaction with incompatible materials can generate sufficient heat to ignite nearby combustible materials. When involved in a fire or in contact with strong acids, this product may liberate toxic chlorine gas. Incompatible with strong oxidising agents, strong acids, metals such as aluminium, tin and zinc, peroxides, reducing agents, metal salts, and sources of ignition.

**Special Protective Precautions and Equipment for Fire Fighters** Fire fighters should wear a positive-pressure self contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves). Clear fire area of all non-emergency personnel. Stay upwind, Keep out of low areas. Eliminate ignition sources.

**Flammability Conditions** Product is a non-flammable liquid.

Additional Information

**Hazchem Code** 2R

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Evacuate all unnecessary personnel. Increase ventilation. Stop leak if safe to do so. Avoid walking through spilled product as it may be slippery. DO NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

**Methods and Materials for Containment and Clean Up** Soak up spilled product using absorbent non-combustible material such as sand or soil. Avoid using sawdust or cellulose. DO NOT neutralize with acids due to possible release of toxic chlorine gas. Collect material and transfer to suitable, labelled, dry, sealable chemical-waste containers and dispose of promptly as hazardous waste.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Do not inhale fumes. When diluting the solution add material to water.

**Conditions for Safe Storage (Including Any Incompatibles)** Store in a cool dry well ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials including strong oxidizers, strong acids and peroxides. This product has a UN classification of 1719 and a Dangerous Goods Class 8 (corrosive) according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

**Container Type** Use corrosion-resistant plastic containers.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### National Exposure

Name	STEL mg/m3 ppm	TWA mg/m3 ppm	TWA Footnote
Potassium Hydroxide		2	

### Standards

**Biological Limit Values** No information available on biological limit values for this product.

**Engineering Controls** Use in well ventilated area.

**Personal Protection** EYES: Protective goggles to prevent eye contamination.

HANDS: Protective PVC gloves.

CLOTHING: Chemical resistant coveralls and safety footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear slightly yellow thin liquid.

**Formula**

**Odour** Slight eucalyptus odour

**Vapour Pressure** Not applicable

**Vapour Density** Not applicable

**Boiling Point** Not applicable

**Melting Point** Not applicable

**Solubility in Water** Fully soluble

**Specific Gravity** 1

**Flash Point** Not applicable

<b>pH</b>	12
<b>Lower Explosion Limit</b>	Not applicable
<b>Upper Explosion Limit</b>	Not applicable
<b>Ignition Temperature</b>	Not applicable
<b>Specific Heat Value</b>	Not applicable
<b>Particle Size</b>	Not applicable
<b>Volatile Organic Compounds (VOC)</b>	Not applicable
<b>Content</b>	
<b>Evaporation Rate</b>	Not applicable
<b>Viscosity</b>	Not applicable
<b>Percent Volatile</b>	Not applicable
<b>Octanol/Water partition coefficient</b>	Not applicable
<b>Saturated Vapour Concentration</b>	Not applicable
<b>Additional Characteristics</b>	Nil
<b>Flame Propagation/ Burning Rate of Solid Materials</b>	Not applicable
<b>Properties of Materials That May Initiate or Contribute to Fire Intensity</b>	Not applicable
<b>Potential for Dust Explosion</b>	Not applicable
<b>Reactions that Release Flammable Gases</b>	
<b>Fast or Intensely Burning Characteristics</b>	

**Non-flammables That  
Could Contribute Unusual  
Hazards to a fire****Release of Invisible  
Flammable Vapours  
and Gases****Decomposition Temperature****Additional Information****10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	Product is stable under normal conditions of use , storage and temperature.
<b>Conditions to Avoid</b>	Avoid direct sunlight and store in a dry area.
<b>Incompatible Materials</b>	Incompatible with strong acids, strong oxidising agents and peroxides.

**Hazardous  
Decomposition  
Products****Hazardous Reactions****11. TOXICOLOGICAL INFORMATION**

<b>Toxicity Data</b>	Not available for this product.
<b>Swallowed</b>	Should ingestion occur, severe pain, burning of the mouth, throat and oesophagus, vomiting, diarrhoea, collapse and possible death may result.
<b>Eye</b>	A severe eye irritant. Can penetrate deeply causing irritation or severe burns depending on the concentration and duration of the exposure. In severe cases, ulceration and permanent damage may occur.
<b>Skin</b>	Corrosive. Product is capable of causing burns. Corrosion will continue until removed. Severity depends on concentration and duration of exposure. Burns aren't immediately painful: onset of pain may be minutes to hours.
<b>Inhaled</b>	Irritation of the nose, throat and lungs may occur due to the corrosive nature of Sodium Hydroxide.

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	No data available.
<b>Persistence and Degradability</b>	No data available. Completely soluble in water.
<b>Mobility</b>	
<b>Environmental Fate (Exposure)</b>	No data available.
<b>Bioaccumulative Potential</b>	

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal</b>	Dispose of in accordance with all local, state and federal regulations.
<b>Special Precautions for Land Fill or Incineration</b>	Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with The Hazardous Waste Act.

**14. TRANSPORT INFORMATION****LAND TRANSPORT**

<b>UN Number</b>	1719
<b>Shipping Name</b>	
<b>Dangerous Goods Class</b>	Class 8
<b>Subsidiary Risk</b>	
<b>Pack Group</b>	III
<b>Precaution for User</b>	CORROSIVE
<b>Hazchem Code</b>	2R

<b>15. REGULATORY INFORMATION</b>
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EPG

AICS Name

NZ Toxic Substance

HSNO Hazard  
Classification

ERMA Approval Code

<b>16. OTHER INFORMATION</b>
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