

## Safety Data Sheet

Product Name **PRONTO**

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### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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**Supplier Name** JOHNSONDIVERSEY NEW ZEALAND LTD  
**Address** 3 Diversey Lane, Wiri, Manukau, NEW ZEALAND, 2025  
**Telephone** +64 9 278 2119  
**Fax** +64 9 278 4286  
**Emergency** +0800 243 622  
**Web Site** <http://www.johnsondiversey.com/>  
**Synonym(s)** ALL PACK SIZES  
**Use(s)** CLEANING AGENT • FLOOR STRIPPER  
**SDS Date** 17 Aug 2009

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### 2. HAZARDS IDENTIFICATION

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**CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001**

#### HSNO CLASSIFICATION

3.1D Flammable liquids: low hazard.  
6.1E Substances that are acutely toxic.  
6.8B Substances that are suspected human or reproductive developmental toxicants.  
8.1A Substances that are corrosive to metals.  
8.2C Substances that are corrosive to dermal tissue.  
8.3A Substances that are corrosive to ocular tissue.  
9.3C Substances that are harmful to terrestrial vertebrates.

#### HAZARD STATEMENT

H227 Combustible liquid.  
H290 May be corrosive to metals.  
H303 May be harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H361 Suspected of damaging fertility or the unborn child.  
H433 Harmful to terrestrial vertebrates.

#### PREVENTION STATEMENT

P102 Keep out of reach of children (applies only where the substance is available to the general public).  
P103 Read label before use (applies only where the substance is available to the general public).  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
P234 Keep only in original container.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P273 Avoid release to the environment. This statement does not apply where this is the intended use.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P281 Use personal protective equipment as required.

**RESPONSE STATEMENT**

P101 If medical advice is needed, have product container or label at hand (applies only where the substance is available to the general public).  
P310 Immediately call a POISON CENTER or doctor/physician.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P321 Specific treatment is advised - see first aid instructions.  
P363 Wash contaminated clothing before reuse.  
P390 Absorb spillage to prevent material damage.  
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P370 + P378 In case of fire: Use appropriate media for extinction (applies if water increases risk).

**STORAGE STATEMENT**

P405 Store locked up.  
P406 Store in corrosive resistant container with a resistant inner liner.  
P403 + P235 Store in a well-ventilated place. Keep cool.

**DISPOSAL STATEMENT**

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

**CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE:DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA**

<b>UN No.</b>	3267	<b>DG Class</b>	8	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Packing Group</b>	III	<b>Hazchem Code</b>	2X	<b>EPG</b>	8A1

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	CAS No.	Content
ETHANOLAMINE	141-43-5	10-30%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	10-30%
2-PHENOXYETHANOL	122-99-6	<5%
SODIUM HYDROXIDE	1310-73-2	<5%
WATER	7732-18-5	>60%
SODIUM XYLENE SULPHONATE	1300-72-7	<5%
EDTA TETRASODIUM SALT	64-02-8	<1%

**4. FIRST AID MEASURES**

**Eye** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

**Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

**Ingestion** For advice, contact a Poisons Information Centre on 0800 764 766 (0800 POISON) or +643 479 7248 (New Zealand) or a doctor (at once). If swallowed, do not induce vomiting.

**Advice to Doctor** Treat symptomatically

**First Aid Facilities** Eye wash facilities should be available.

## 5. FIRE FIGHTING MEASURES

<b>Flammability</b>	Combustible. May evolve toxic gases (carbon/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.
<b>Fire and Explosion</b>	Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. 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>	Dry agent, carbon dioxide or foam. Prevent contamination of drains or waterways.
<b>Hazchem Code</b>	2X

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spillage</b>	Contact emergency services where appropriate. Use personal protective equipment. Clear area of all unprotected personnel. Ventilate area where possible. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.
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## 7. STORAGE AND HANDLING

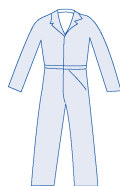
<b>Storage</b>	Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, nitrites, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
<b>Handling</b>	Before use carefully read the product 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.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Ethanolamine	OSH (NZ)	3	7.5	--	--
	2-Butoxyethanol (EGBE)	OSH (NZ)	25	121	--	--
	Sodium hydroxide	OSH (NZ)	--	2	--	--

**Engineering Controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

**PPE** Wear splash-proof goggles, rubber or PVC gloves and coveralls. Where an inhalation risk exists, wear: an Air-line or a Type A (Organic vapour) respirator. If spraying, wear: a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	CLEAR PALE YELLOW LIQUID	<b>Solubility (Water)</b>	SOLUBLE
<b>Odour</b>	SOLVENT ODOUR	<b>Specific Gravity</b>	1.025
<b>pH</b>	> 12.5	<b>% Volatiles</b>	> 60 % (Water)
<b>Vapour Pressure</b>	18 mm Hg @ 20°C	<b>Flammability</b>	COMBUSTIBLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	> 61°C
<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		

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under recommended conditions of storage.
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources.
<b>Material to Avoid</b>	Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid) and nitrites (possibly forming carcinogenic nitrosamines).
<b>Hazardous Decomposition Products</b>	May evolve toxic gases (carbon/ nitrogen oxides, amines, ammonia, hydrocarbons) when heated to decomposition.
<b>Polymerization</b>	Hazardous polymerization is not expected to occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Health Hazard Summary</b>	This product has the potential to cause adverse health effects. Use safe work practices to avoid eye or skin contact and inhalation. Due to the low vapour pressure of this product, an inhalation hazard is not anticipated unless used in poorly ventilated areas, heated or sprayed. Chronic exposure may result in liver, kidney and blood damage. May cause sensitisation by inhalation and skin contact.
<b>Eye</b>	Contact may result in irritation, lacrimation, pain, redness, corneal burns and possible permanent damage.
<b>Inhalation</b>	Over exposure may result in irritation of the nose and throat, with coughing. May cause sensitisation by inhalation. High level exposure may result in breathing difficulties, ulceration, pulmonary oedema and unconsciousness.
<b>Skin</b>	Contact may result in irritation, redness, pain, rash, dermatitis and possible burns. May cause sensitisation by skin contact.
<b>Ingestion</b>	Ingestion may result in nausea, vomiting, severe gastrointestinal irritation, slight ulceration, dizziness and diarrhoea. Ingestion of large quantities may result in liver and kidney damage, and unconsciousness.
<b>Toxicity Data</b>	ETHANOLAMINE (141-43-5) LD50 (Ingestion): 620 mg/kg (guinea pig) LD50 (Intramuscular): 1750 mg/kg (rat) LD50 (Intraperitoneal): 50 mg/kg (mouse) LD50 (Intravenous): 225 mg/kg (rat) LD50 (Skin): 1 mL/kg (rabbit) LD50 (Subcutaneous): 1500 mg/kg (rat) 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) TCLo (Inhalation): 100 ppm (human) TDLo (Ingestion): 7813 uL/kg (woman) 2-PHENOXYETHANOL (122-99-6) LD50 (Ingestion): 1260 mg/kg-rat. LD50 (Skin): 5000 mg/kg-rbt. SODIUM HYDROXIDE (1310-73-2) LDLo (Ingestion): 500 mg/kg (rabbit) EDTA TETRASODIUM SALT (64-02-8) LD50 (Intraperitoneal): 330mg/kg (mouse)

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## 12. ECOLOGICAL INFORMATION

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<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

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<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

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Product Name **PRONTO**

**CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE:DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA**

Shipping Name	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.				
UN No.	3267	DG Class	8	Subsidiary Risk(s)	None Allocated
Packing Group	III	Hazchem Code	2X	EPG	8A1

#### IATA

Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.				
UN No.	3266	DG Class	8	Subsidiary Risk(s)	None Allocated
Packing Group	III				

#### IMDG

Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.				
UN No.	3266	DG Class	8	Subsidiary Risk(s)	None Allocated
Packing Group	III				

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## 15. REGULATORY INFORMATION

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Approval Code HSR002527  
Group Name Cleaning Products (Corrosive, Combustible) Group Standard 2006  
HSNO Controls Refer to the ERMA website for more information: [www.ermanz.govt.nz](http://www.ermanz.govt.nz)

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## 16. OTHER INFORMATION

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**Additional Information** EXPOSURE STANDARDS - TIME WEIGHTED AVERAGES: Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

AMINE: CAUTION THIS PRODUCT CONTAINS AN AMINE. DO NOT ADD NITRITES or other NITROSATING AGENTS to this product due to the potential for NITROSAMINE formation. Nitrosamines are potent carcinogens and some have been shown to cause severe acute (heart, brain, blood, liver - kidney) damage as well as chronic effects (reproductive effects, liver - lung and kidney tumours).

#### ABBREVIATIONS:

ADB - Air-Dry Basis.  
BEI - Biological Exposure Indice(s)  
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
CNS - Central Nervous System.  
EINECS - European Inventory of Existing Commercial chemical Substances.  
IARC - International Agency for Research on Cancer.  
M - moles per litre, a unit of concentration.  
mg/m3 - Milligrams per cubic metre.  
NOS - Not Otherwise Specified.  
NTP - National Toxicology Program.  
OSHA - Occupational Safety and Health Administration.  
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).  
ppm - Parts Per Million.  
RTECS - Registry of Toxic Effects of Chemical Substances.  
TWA/ES - Time Weighted Average or Exposure Standard.

#### 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.

#### 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

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made.

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

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 SDS, 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 SDS.

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**SDS Date:** 17 Aug 2009

**End of Report**