



## Safety Data Sheet

**Product Name**      **COMFORT CLASSIC FRESH**

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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)**                FABRIC SOFTENER  
**SDS Date**            16 Oct 2008

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### 2. HAZARDS IDENTIFICATION

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

#### HSNO CLASSIFICATION

6.3B                    Substances that are mildly irritating to the skin.  
8.3A                    Substances that are corrosive to ocular tissue.  
9.1B                    Substances that are ecotoxic in the aquatic environment.

#### HAZARD STATEMENT

H316                    Causes mild skin irritation.  
H318                    Causes serious eye damage.  
H411                    Toxic to aquatic life with long lasting effects.

#### 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).  
P273                    Avoid release to the environment. This statement does not apply where this is the intended use.  
P280                    Wear protective gloves/protective clothing/eye protection/face protection.

#### 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.  
P391                    Collect spillage.  
P305 + P351 + P338    IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313            If skin irritation occurs: Get medical advice/ attention.

#### 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.

**PRODUCT NAME COMFORT CLASSIC FRESH****NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA**

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

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredient	CAS No.	Content
FORMALDEHYDE	50-00-0	<0.1%
WATER	7732-18-5	>60%
QUATERNARY AMMONIUM COMPOUND	Not Available	5-15%
PERFUME	Not Available	<1%
CITRIC ACID, ANHYDROUS	77-92-9	<0.1%
DYE	Not Available	<0.01%

**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 Poison Information Centre or a doctor, or for at least 15 minutes.

**Inhalation** If inhaled, remove from contaminated area. 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 Poison 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

**5. FIRE FIGHTING MEASURES**

**Flammability** Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

**Fire and Explosion** Non flammable. Evacuate area and contact emergency services. Toxic gases (carbon/ nitrogen oxides, ammonia, hydrocarbons, chlorides) may be evolved when heated. Remain upwind & notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers & nearby storage areas.

**Extinguishing** Non flammable. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

**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 in cool, dry, well ventilated area, removed from strong oxidising agents (eg. hypochlorites, peroxides, nitrates), anionic detergents (eg. soaps), 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.

**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 Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Formaldehyde	OSH (NZ)	1.0	1.2	--	--

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**Engineering Controls** Ensure adequate natural ventilation.

**PPE** Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	OPAQUE BLUE LIQUID	<b>Solubility (Water)</b>	SOLUBLE
<b>Odour:</b>	CHARACTERISTIC PERFUME ODOUR	<b>Specific Gravity</b>	0.992
<b>pH</b>	3.0 - 4.0	<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		

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under recommended conditions of storage.

**Conditions to Avoid** Avoid heat, sparks, open flames and other ignition sources.

**Material to Avoid** Incompatible with oxidising agents (eg. hypochlorites, peroxides), anionic detergents (eg. soaps), heat and ignition sources.

**Decomposition** May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.

**Polymerization** Polymerization will not occur.

## 11. TOXICOLOGICAL INFORMATION

**Health Hazard Summary** Low irritant - low toxicity. This product has the potential to cause acute and chronic health effects with over exposure. Upon dilution, the potential for adverse health effects will be reduced markedly. Potential sensitising agent, although such cases are uncommon. Those individuals with pre-existing skin, eye or respiratory allergies may be more susceptible to adverse effects.

**Eye** Irritant. Contact may result in irritation, lacrimation, pain and redness.

**Inhalation** Low irritant. Over exposure to vapours/mists may result in respiratory irritation, nausea, and headache. Occupational exposure to quaternary ammonium compounds has been reported to cause asthma, although rare. Due to the low vapour pressure, an inhalation hazard is not anticipated, unless sprayed.

**Skin** Low irritant. Prolonged or repeated contact may result in mild irritation. Potential sensitising agent.

**Ingestion** Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.

**Toxicity Data** FORMALDEHYDE (50-00-0)  
Carcinogenicity: Confirmed human carcinogen (IARC Group 1)  
LC50 (Inhalation): 81 ppm (rats)  
LD50 (Ingestion): 42 mg/kg (rat)  
LD50 (Subcutaneous): 300 mg/kg (mouse)  
LDLo (Ingestion): 108 mg/kg (woman)  
LDLo (Intraperitoneal): 16 mg/kg (mouse)  
LDLo (Intravenous): 30 mg/kg (cat)  
LDLo (Subcutaneous): 240 mg/kg (rabbit)  
TCLo (Inhalation): 14300 ppb/6 hours/2 years (mouse - cancer)  
CITRIC ACID, ANHYDROUS (77-92-9)  
LD50 (Ingestion): 3000 mg/kg (rat)  
LD50 (Intraperitoneal): 290 mg/kg (rat)  
LD50 (Intravenous): 42 mg/kg (mouse)

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LDLo (Ingestion): 7000 mg/kg (rabbit)

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**12. ECOLOGICAL INFORMATION**

**Environment** Benzalkonium chloride derivatives/quaternary ammonium compounds are commonly used as disinfectants, indicating toxicity to microorganisms. Benzalkonium chloride is toxic to trout above 2 ppm.

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**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.

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**14. TRANSPORT INFORMATION**

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

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**15. REGULATORY INFORMATION**

**Approval Code** HSR002530  
**Group Name** Cleaning Products (Subsidiary Hazard) 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**

**Additional Information** BENZALKONIUM CHLORIDE: Benzalkonium chloride can be a severe eye & skin irritant & corrosive. Contact with concentrated solutions can cause deep injury and ulceration (Wahlberg, 1985). A 0.1% concentration will cause mild discomfort to the eye. Ingestion may cause a burning pain in the mouth, throat and abdomen, salivation, low blood pressure, CNS depression, excitement, confusion and weakness, laboured breathing & cyanosis (blue skin due to lack of oxygen in blood) or circulatory shock. When used in low concentrations there is little local or systemic toxicity.

**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:**  
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/m<sup>3</sup> - 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.

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**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.

**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.

**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

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**End of Report**