

Safety Data Sheet

Product Name **CERAMICA**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name JOHNSONDIVERSEY NEW ZEALAND LTD
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Emergency +0800 243 622
Web Site <http://www.johnsondiversey.com/>
Synonym(s) ALL PACK SIZES
Use(s) CLEANING AGENT
SDS Date 16 Oct 2008

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES [CLASSIFICATION] REGULATIONS 2001

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

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

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
ETHANOLAMINE	141-43-5	<10%
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	<10%
WATER	7732-18-5	>60%
DISPERSANT	Not Available	<10%
DYE	Not Available	<10%
NONIONIC SURFACTANT(S)	Not Available	<10%
PERFUME	Not Available	<10%

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. 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 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

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5. FIRE FIGHTING MEASURES

Flammability	Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons, amines, ammonia) when heated to decomposition.
Fire and Explosion	Non flammable. Evacuate area and contact emergency services. Toxic gases (carbon/ nitrogen oxides, hydrocarbons, ammonia, amines) may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and 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), contact emergency services where appropriate. Wear splash-proof goggles, PVC/rubber gloves, a Type A (Organic vapour) respirator (where an inhalation risk exists), coveralls, PVC apron and rubber 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

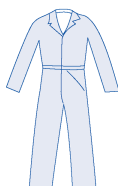
Storage	Store in cool, dry, well ventilated area, removed from oxidising agents, acids, nitrites - nitrosating agents and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.
Handling	Before use carefully read the product label. Use of safe 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
	Ethanolamine	OSH (NZ)	3.0	7.5	--	--
2-Butoxyethanol (EGBE)	OSH (NZ)	25.0	121.0	--	--	

Engineering Controls Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

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



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	CLEAR BLUE LIQUID	Solubility (Water)	SOLUBLE
Odour:	OCEAN FRESH ODOUR	Specific Gravity	1.007
pH	11.0 - 12.0	% Volatiles	> 60 % (Water)
Vapour Pressure	17.5 mm Hg @ 20°C	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C	Upper Explosion Limit	NOT RELEVANT
Melting Point	< 0°C	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	AS FOR WATER		

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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), acids (eg. nitric acid) and nitrites (possibly forming carcinogenic nitrosamines).

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

Polymerization Hazardous polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary Slightly corrosive - narcotic. Use safe work practices to avoid eye-skin contact or vapour 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 over exposure may result in skin and respiratory sensitisation, kidney, liver and blood damage. Dilution with water prior to use greatly reduces the potential for adverse health effects.

Eye Corrosive - severe irritant. Contact may result in pain, redness, corneal burns and ulceration with possible permanent damage.

Inhalation Slightly corrosive. Over exposure may result in mucous membrane and upper respiratory tract irritation. May cause sensitisation with asthma-like symptoms. At high levels; breathing difficulties, ulceration of respiratory tract, pulmonary oedema and convulsions.

Skin Slightly corrosive. Contact may result in irritation, redness, itching, pain, rash, dermatitis and possible burns. Potential sensitising agent.

Ingestion Slightly corrosive - moderate toxicity. 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.

Toxicity Data
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)

12. ECOLOGICAL INFORMATION

Environment 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.

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 ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005; NZS 5433:2007, UN, IMDG OR IATA

Shipping Name None Allocated

UN No. None Allocated **DG Class** None Allocated **Subsidiary Risk(s)** None Allocated

Packing Group None Allocated **Hazchem Code** None Allocated **EPG** None Allocated

15. REGULATORY INFORMATION

Approval Code NON HAZARDOUS

Group Name NON HAZARDOUS

HSNO Controls Refer to the ERMA website for more information: www.ermanz.govt.nz

16. OTHER INFORMATION

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 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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PRODUCT NAME **CERAMICA**

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SDS Date: 16 Oct 2008

End of Report

CHEM ALERT