

Material Safety Data Sheet

CS: 1.4.93

Page: 1 of 4

Infosafe No™ IC01B Issue Date : December 2010 ISSUED by COLGATE

Product Name : NEUTRAFLUOR 5000 PLUS

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name NEUTRAFLUOR 5000 PLUS
Company Name Colgate-Palmolive Pty Ltd (ABN 002 792 163)
Address Australia: Level 14, 345 George Street, Sydney
NSW 2000 Australia
Emergency Tel. AUS 1800 638 556, NZ: 0800 764766
Telephone/Fax Number Tel: AUS (02) 9229 5600 NZ: 04 576 6700
Fax: AUS (02) 9229 5700, NZ: 04 568 8835
Recommended Use Toothpaste
Other Information New Zealand Address: Level 4, 45 Knights Road, Lower Hutt.

2. HAZARDS IDENTIFICATION

Hazard Classification NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Silica, amorphous [Silica, amorphous, precipitated and gel]	112926-00-8	10-20 %
	Polyethylene glycol	25322-68-3	1-5 %
	Sodium lauryl sulphate	151-21-3	1-2 %
	Sodium Fluoride	7681-49-4	0-2 %
	Di-Potassium hydrogen ortho phosphate	7758-11-4	0-0.1 %
	Non hazardous ingredients and water		Balance to 100%

4. FIRST AID MEASURES

Inhalation Not required under normal conditions of use. However, if inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

Ingestion Wash out mouth with water and then give water to drink. If irritation develops and persists seek medical attention.

Skin Generally not required however for sensitive individuals, wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

First Aid Facilities Normal washroom facilities

Advice to Doctor Treat symptomatically.

Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126; New Zealand 0800 POISON / 0800 764 766) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Material Safety Data Sheet

CS: 1.4.93

Page: 2 of 4

Infosafe No™ IC01B Issue Date : December 2010 ISSUED by COLGATE

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Hazards from Combustion Products This product is non combustible.

Special Protective Equipment for fire fighters Full protective clothing and self-contained breathing apparatus.

Specific Hazards This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn emitting toxic and/or irritating fumes.

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill, spilled material is slippery. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Industrial use: Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Industrial quantities: Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Silica, amorphous [Silica, amorphous, precipitated and gel]	-	10	-	-

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

Biological Limit Values Biological Exposure Indice BEI from American Conference of Industrial Hygienists (ACGIH) for ingredients are as follows:

Determinant	Sampling Time	Biological Exposure Indice (BEI)
Fluorides in urine	Prior to shift	3 mg/g creatinine
Fluorides in urine	End of shift	10 mg/g creatinine

Engineering Controls No special engineering controls required. However under industrial applications, use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

Respiratory Protection Not required under normal conditions. However, if engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne

Material Safety Data Sheet

CS: 1.4.93

Page: 3 of 4

Infosafe No™ IC01B	Issue Date : December 2010	ISSUED by COLGATE
--------------------	----------------------------	-------------------

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Eye Protection	contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
Hand Protection	Not required under normal conditions. However, safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
Body Protection	Not required under normal conditions. However, under industrial applications, wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
	Not required under normal conditions. However, under industrial applications suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light blue paste
Odour	Not available
Melting Point	Not available
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	1.30
pH Value	8.0
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Viscosity	Not available
Flash Point	Not applicable
Flammability	Non-combustible material
Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Not available
Incompatible Materials	Strong oxidising agents
Hazardous Decomposition Products	This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn emitting toxic and/or irritating fumes.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Material Safety Data Sheet

CS: 1.4.93

Page: 4 of 4

Infosafe No™ IC01B	Issue Date : December 2010	ISSUED by COLGATE
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Product Name : **NEUTRAFLUOR 5000 PLUS**

Toxicology Information	No toxicity data available for this material. The available acute toxicity data for the ingredients as published by RTECS (Registry of Toxic Effects of Chemical Substances): are as follows: Acute toxicity data for Fluoride: LD50 (Oral, Rat): 31 mg/kg
Inhalation	Industrial applications: Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	Not normally irritating. May cause irritation in sensitive individuals. Industrial applications: May be irritating to skin. The symptoms may include redness, itching and swelling.
Eye	May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data available for this product.
Persistence / Degradability	Not available
Mobility	Not available
Environ. Protection	Prevent release of large quantities to the environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Industrial applications for large quantities: The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. TRANSPORT INFORMATION

Transport Information	Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
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15. REGULATORY INFORMATION

Regulatory Information	Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia. Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	S3

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Reviewed: December 2010 Supersedes: September 2005
Contact Person/Point	24Hr Emergency Response Australia- 1800 638 556 New Zealand- 0800 764 766 ...End Of MSDS...

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