Time For Cleaning Products PTY. LTD

ADVICE, QUALITY, PRICE

MATERIAL SAFETY DATA SHEET

NEUTRAL FLOOR CLEANER

1. IDENTIFICATION OF SUPPLIER & MATERIAL

COMPANY NAME:	**Time For Cleaning Products Pty Ltd.**
ADDRESS:	P.O. Box: 364, St. Clair NSW 2759.
PHONE NUMBER:	(02) 8678 1457
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EMERGENCY NUMBER:	Joe: 0411 363 393
EMAIL:	joe@tfcp.com.au
WEBSITE:	www.tfcp.com.au
PRODUCT NAME:	**Neutral Floor Cleaner**
OTHER NAME:	Citrus Cleaner
MSDS ISSUED:	October 2012

USE: General cleaner for cleaning kitchens, bathrooms and all household surfaces, etc.

2. HAZARDS IDENTIFICATION

Not classified as Hazardous according to ASCC Criteria
Not classified as a Dangerous Good by the criteria of the ADG Code.

UN NUMBER:	N/A
DANGEROUS GOODS CLASS:	N/A
SUBSIDIARY RISK:	N/A
PACKING GROUP:	N/A
HAZCHEM CODE:	N/A
EPG:	N/A

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PROPORTION
Alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	>5%
Non Ionic Surfactant	N/A	>2%
Water	7732-18-5	>60%
Citrus Extract	N/A	1-10%

4. FIRST AID MEASURES

EYE:
If in eyes hold eyes open and wash thoroughly with water for at least 15 minutes and see a doctor.
SKIN:
Remove contaminated clothing, wash thoroughly with plenty of water and seek medical advice.

4. FIRST AID MEASURES cont.

INHALED:
Move to a well ventilated area.
INGESTION:
Do Not induce vomiting, give a glass of water and contact Poison Information Centre. Ph: 131126.
ADVICE TO DOCTOR:
Treatment is symptomatic.
FIRST AID FACILITIES:
Eye wash facilities and safety shower should be available.

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. May evolve flammable hydrogen gas in contact with some metals. If product is present in a fire, toxic gases may be evolved. Evacuate area and contact emergency services. 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 and nearby storage areas.
EXTINGUISHING:
Non flammable. Prevent contamination of drains or waterways.
HAZCHEM CODE:
N/A

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 & HANDLING

STORAGE:
Store in cool, dry, well ventilated area, removed from acids, combustible materials 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 CONTROL / PERSONAL PROTECTION

EXPOSURE STANDARDS:
Alkyl Dimethyl Benzyl Ammonium Chloride:
LD50 (Ingestion): 426 mg/kg (rat)
LD50 (Intraperitoneal): 100 mg/kg (rat)
No exposure standard(s) allocated.
BIOLOGICAL LIMITS:
No biological limit allocated.
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 DESCRIPTION / PROPERTIES

APPEARANCE:	Clear Lime Liquid
ODOUR:	Citrus Fragrance
PH:	5.5
VAPOUR PRESSURE:	18mg Hg@ 20°C (Water)
VAPOUR DENSITY:	N/A
BOILING POINT:	100°C (Approximately)
MELTING POINT:	N/A
EVAPORATION RATE:	Same as Water
SOLUBILITY IN WATER:	Soluble
SPECIFIC GRAVITY:	0.98 - 1.02
VOLATILES:	>60% (Water)
FLAMMABILITY LIMITS:	Non Flammable
FLASH POINT:	Not Relevant
UPPER EXPLOSION LIMIT:	Not Relevant
LOWER EXPLOSION LIMIT:	Not Relevant

10. STABILITY & 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 (e.g.. hypochlorites, peroxides), anionic detergents (e.g.. soaps), heat and ignition sources.
DECOMPOSITION:
May evolve toxic gases (carbon/ nitrogen oxides, ammonia, chlorides, hydrocarbons) when heated to decomposition.
HAZARDOUS REACTIONS:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARD:
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.
INGESTION:
Low toxicity. Ingestion of large quantities may result in nausea, vomiting and gastrointestinal irritation.
TOXICITY DATA:
Alkyl Dimethyl Benzyl Ammonium Chloride:
LD50 (Ingestion): 426 mg/kg (rat)
LD50 (Intraperitoneal): 100 mg/kg (rat)

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.

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 by the criteria of the ADG Code.

SHIPPING NAME:	N/A
UN NUMBER:	N/A
DANGEROUS GOODS CLASS:	N/A
SUBSIDIARY RISK:	N/A
PACKING GROUP:	N/A
HAZCHEM CODE:	N/A
EPG:	N/A

15. REGULATORY INFORMATION

POISON SCHEDULE:
A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).
AICS:
All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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/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).
PPE: Personal Protective Equipment
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.
W.W. - Weight by Weight.

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 Time For Cleaning Products 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 Time For Cleaning Products 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 Material Safety Data Sheet document has been compiled by Time For Cleaning Products Pty Ltd. Further clarification regarding any aspect of this product should contact Time For Cleaning Products. While Time For Cleaning Products has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Time For Cleaning Products 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 Material Safety Data Sheet.

Products are manufactured by: CBC Cleaning Products Pty Ltd.