

## Ajax Professional Mould Cleaner

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1.0	12.12.2016	660000003907	Date of first issue: 12.12.2016

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Ajax Professional Mould Cleaner

Product code : 200000038700  
: B02922960001

#### Manufacturer or supplier's details

Company :  
Address : Colgate-Palmolive Pty Ltd., 345 George St, Sydney, New South  
Wales, Australia 2000.  
Telephone : Consumer affairs: - AU 1800 802 307 (Mon – Fri 9 - 5)

Emergency telephone number : CHEMTREC Australia +(61)-290372994  
Global-CHEMTREC- +1 703-741-5970

#### 4. Recommended use of the chemical and restrictions on use

Recommended use : Formulated all purpose cleaner for household use.

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Skin corrosion/irritation : Category 1

Serious eye damage/eye irritation : Category 1

#### GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.

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P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

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 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P363 Wash contaminated clothing before reuse.

### Storage:

P405 Store locked up.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

### Other hazards which do not result in classification

No information available.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
SODIUM HYPOCHLORITE	7681-52-9	< 10
SODIUM HYDROXIDE	1310-73-2	< 10
SODIUM DECYL SULFATE	142-87-0	< 10
SODIUM C12-13 PARETH SULFATE	Not Assigned	< 10

## SECTION 4. FIRST AID MEASURES

General advice	:	If poisoning occurs, immediately contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul-

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- ty.  
If on skin, rinse well with water.  
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : None known.

### SECTION 5. FIREFIGHTING MEASURES

- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

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- Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Neutralise with acid.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
To avoid spills during handling keep bottle on a metal tray.  
Dispose of rinse water in accordance with local and national regulations.
- Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
SODIUM HYDROXIDE	1310-73-2	Peak limit	2 mg/m <sup>3</sup>	AU OEL
		C	2 mg/m <sup>3</sup>	ACGIH

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally re-

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quired.

Hand protection

Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : light yellow

pH : 13

Flash point : > 200 °F

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : No decomposition if stored and applied as directed.

Conditions to avoid : No data available

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### Product:

Acute oral toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

Acute inhalation toxicity : Acute toxicity estimate: > 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

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Method: Calculation method

### **Components:**

#### **SODIUM HYPOCHLORITE:**

Acute oral toxicity : LD50 (Rat): 8,800 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rabbit): > 10.5 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403

Acute dermal toxicity : LD50 (Rabbit): > 20,000 mg/kg  
Method: OECD Test Guideline 402

#### **SODIUM HYDROXIDE:**

Acute oral toxicity : LD50 (Rabbit): 500 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

#### **SODIUM DECYL SULFATE:**

Acute oral toxicity : LD50 (Rat): 977 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: OECD Test Guideline 402

#### **SODIUM C12-13 PARETH SULFATE:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Method: No information available.

### **Skin corrosion/irritation**

#### **Product:**

Remarks: Extremely corrosive and destructive to tissue.

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### **Components:**

#### **SODIUM HYPOCHLORITE:**

Result: Corrosive after 3 minutes to 1 hour of exposure

#### **SODIUM HYDROXIDE:**

Result: Corrosive

#### **SODIUM DECYL SULFATE:**

Result: Severe skin irritation

#### **SODIUM C12-13 PARETH SULFATE:**

Result: Irritating to skin.

### **Serious eye damage/eye irritation**

#### **Product:**

Remarks: May cause irreversible eye damage.

### **Components:**

#### **SODIUM HYPOCHLORITE:**

Result: Irreversible effects on the eye

#### **SODIUM HYDROXIDE:**

Result: Corrosive

#### **SODIUM DECYL SULFATE:**

Result: Irreversible effects on the eye

#### **SODIUM C12-13 PARETH SULFATE:**

Result: Risk of serious damage to eyes.

### **Respiratory or skin sensitisation**

#### **Components:**

#### **SODIUM HYPOCHLORITE:**

Exposure routes: Inhalation

Result: Does not cause respiratory sensitisation.

Exposure routes: Dermal

Result: Does not cause skin sensitisation.

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### **SODIUM HYDROXIDE:**

Exposure routes: Inhalation  
Remarks: No data available

Exposure routes: Dermal  
Remarks: No data available

### **SODIUM DECYL SULFATE:**

Exposure routes: Inhalation  
Remarks: No data available

Exposure routes: Dermal  
Result: Does not cause skin sensitisation.

### **SODIUM C12-13 PARETH SULFATE:**

Exposure routes: Inhalation  
Remarks: No data available

Exposure routes: Dermal  
Result: Does not cause skin sensitisation.

### **Chronic toxicity**

#### **Further information**

#### **Product:**

Remarks: This product has not been tested as a whole. However, this formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the statements in Section 3 of the SDS.

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## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

#### **Components:**

#### **SODIUM HYPOCHLORITE:**

Toxicity to fish	:	LC50 (Oncorhynchus kisutch (coho salmon)): 0.032 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.141 mg/l Exposure time: 48 h
Toxicity to algae	:	ErC50 (Desmodesmus subspicatus (green algae)): 0.079 mg/l

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Exposure time: 168 h

M-Factor (Acute aquatic toxicity) : 10

Toxicity to fish (Chronic toxicity) : NOEC (Menidia peninsulae (tidewater silverside)): 0.04 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

M-Factor (Chronic aquatic toxicity) : 1

### **SODIUM HYDROXIDE:**

Toxicity to fish : LC50 (Fish): 35 - 189 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 40.4 mg/l  
Exposure time: 48 h

Toxicity to algae : Remarks: No data available

Toxicity to fish (Chronic toxicity) : No data available:

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

### **SODIUM DECYL SULFATE:**

Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 177 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l  
Exposure time: 48 h

Toxicity to algae : ErC50 (Pseudokirchneriella subcapitata (green algae)): 8.64 mg/l  
Exposure time: 72 h

Toxicity to fish (Chronic toxicity) : NOEC: 1.357 mg/l

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : No data available:

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### **SODIUM C12-13 PARETH SULFATE:**

Toxicity to fish : LC50 (Fish): 7.1 mg/l  
Exposure time: 72 h

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 7.4 mg/l  
aquatic invertebrates Exposure time: 48 h

Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 27.7 mg/l  
Exposure time: 72 h

Toxicity to fish (Chronic tox- : No data available:  
icity)

Toxicity to daphnia and other : No data available:  
aquatic invertebrates (Chron-  
ic toxicity)

### **Persistence and degradability**

#### **Components:**

#### **SODIUM HYPOCHLORITE:**

Biodegradability : Remarks: Not applicable

#### **SODIUM HYDROXIDE:**

Biodegradability : Remarks: Not applicable

#### **SODIUM DECYL SULFATE:**

Biodegradability : Result: Readily biodegradable.

#### **SODIUM C12-13 PARETH SULFATE:**

Biodegradability : Result: Readily biodegradable.

### **Bioaccumulative potential**

#### **Components:**

#### **SODIUM HYPOCHLORITE:**

Bioaccumulation : Bioconcentration factor (BCF): 3.16

Partition coefficient: n- : log Pow: -3.42  
octanol/water

#### **SODIUM HYDROXIDE:**

Bioaccumulation : Remarks: No data available

Partition coefficient: n- : Remarks: No data available

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octanol/water

### **SODIUM DECYL SULFATE:**

Bioaccumulation : Bioconcentration factor (BCF): 3.16

Partition coefficient: n-  
octanol/water : log Pow: 1.72

### **SODIUM C12-13 PARETH SULFATE:**

Bioaccumulation : Remarks: No data available

Partition coefficient: n-  
octanol/water : Remarks: No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

#### **Product:**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Very toxic to aquatic life.  
Toxic to aquatic life with long lasting effects.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

### **Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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## **SECTION 14. TRANSPORT INFORMATION**

**ADG** :  
**7.4**

UN 3266 Corrosive liquid, basic, inorganic, n.o.s (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8,III

**NZS** :  
**5433**

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**IATA** : UN 3266 Corrosive liquid, basic, inorganic, n.o.s (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8,III

**IMDG** : UN 3266 Corrosive liquid, basic, inorganic, n.o.s (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8,III

**ADR** : UN 3266 Corrosive liquid, basic, inorganic, n.o.s (SODIUM HYPOCHLORITE, SODIUM HYDROXIDE), 8,III

### International Regulations

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

#### National Regulations

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## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

Prohibition/Licensing Requirements : There is no applicable prohibition or notification/licensing requirements, including for carcinogens under Commonwealth, State or Territory legislation.

### The components of this product are reported in the following inventories:

AICS : On the inventory, or in compliance with the inventory

NZIoC : On the inventory, or in compliance with the inventory

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## SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada);

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ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Date format : dd.mm.yyyy

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