



SAFETY DATA SHEET

DECK-CLEAN

Hazardous According to Criteria of Worksafe Australia

Not classified as dangerous goods by the criteria of the Australian Dangerous Goods Code (ADG)

SECTION 1 – PRODUCT IDENTIFICATION

Trade Name: Enviro Floors DECK-CLEAN

Use: Removing Mould and Mildew.

Textile industry: Bleaching agent.

Manufactured By: Enviro Floors

Australian Customers Ph: 07 3293 2020

International Customers Ph: +617 3293 2020

Email: info@envirofloors.com.au

Web: envirofloors.com.au

SECTION 2 – HAZARDS IDENTIFICATION

Risk Phrase(s):

R31 Contact with acids liberates toxic gas.

Safety Phrase(s):

S13: Keep away from food, drink and animal foodstuffs.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

SECTION 3 – INGREDIENTS

MATERIAL/COMPONENT Wt% CAS NUMBER

SODIUM HYPOCHLORITE <10% 7681-52-9

(Equivalent to less than 2% available chlorine)

Sodium Hydroxide <0.5% 1310-73-2

Other ingredients not classified as hazardous <20% non hazardous

Water remainder non hazardous

SECTION 4 - EMERGENCY AND FIRST AID PROCEDURES

For advice, contact a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 0 800 764766) or a doctor.

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a facemask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

Skin Contact: If spilt on large areas of skin or hair, immediately drench with running water and remove clothing. Continue to wash skin and hair with plenty of water (and soap if material is insoluble) until advised to stop by the Poisons Information Centre or a doctor.

Eye Contact: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Ingestion: Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

Notes to physician: Treat symptomatically. Can cause corneal burns.

SECTION 5 – FIRE AND EXPLOSION DATA

Flash Point: Not applicable Method: Not applicable

Flammability Limits in Air (% Volume)

Lower: Not applicable Upper: Not applicable

Fire Extinguishing Media: Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

Special Fire Fighting Procedures: Fire fighters to wear self-contained breathing apparatus and suitable protective

clothing if risk of exposure to products of decomposition.

Unusual Fire and Explosion Hazards: Decomposes on heating emitting toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill or Leak: Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contact and breathing in dust. Work up wind or increase ventilation. Cover with absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred advise local emergency services.

Disposal: Dispose of according to Local Authority Regulations.

SECTION 7 HANDLING AND STORAGE

Avoid skin and eye contact and breathing in fumes. Store in a cool, dry, well ventilated place and out of direct sunlight.

Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for spills.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control Measures: Use material in well-ventilated area. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generating and breathing in aerosols. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.

Personal Protective Equipment: Overalls, safety shoes, chemical goggles, gloves, dust mask. Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling aerosols. If aerosols exist, wear organic vapour mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (C): Not determined Volatiles: >95%

Melting Point(C): Not determined Press@20C mm Hg: Not available

Specific Gravity: 1.02- 1.03 VAP Density: Not available

Sol In Water (g/l): Completely pH at Use Dilution: 12.5-13.5

Appearance: Yellowish liquid pH: 12.5-13.5

Evaporation Rate (nButyl Acetate=1) Not applicable

SECTION 10 – STABILITY AND REACTIVITY DATA

Stability: Stable

Conditions to avoid: Strong acids, oxidizing agents.

Incompatibilities: Strong acids.

Hazardous decomposition products: Toxic fumes of chlorine involved in fire.

Hazardous polymerisation: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia). However, Exposure Standards for decomposition product: Chlorine 1 ppm; 3 mg/m³; Peak Limitation As published by the National Occupational Health and Safety Commission (Worksafe Australia).

Peak Limitation - a ceiling concentration which should not be exceeded over a measurement period which should be as short as possible but not exceeding 15 minutes. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

HEALTH EFFECTS

Ingestion: Swallowing can result in severe irritation and corrosion of the mucous membranes of the mouth, throat and gastrointestinal tract with pain, inflammation and vomiting. Systemic effects include fall of blood pressure, delirium and coma.

Eye contact: Corrosive to eyes; contact can cause corneal burns. Contamination of the eyes can result in permanent injury.

Skin contact: Corrosive to skin - may cause skin burns. Repeated or prolonged skin contact may lead to irritant contact dermatitis or skin burns Inhalation: Where this material is used in a poorly ventilated area or at elevated temperatures or confined spaces, vapour may cause irritation to mucous membranes and respiratory tract, headache and nausea. Inhalation of mists or aerosols may produce respiratory followed by pulmonary oedema.

Long Term Effects: No effects have been reported following long-term exposure to sodium hypochlorite.

Acute toxicity / Chronic toxicity: An alkaline poison and primary irritant to mucous membranes, throat, gastrointestinal tract and respiratory tract. Low systemic toxicity.
Based on knowledge of the constituent sodium hypochlorite: (1) Oral LD50(rat): 8910 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Avoid contaminating waterways

SECTION 13 - DISPOSAL CONSIDERATIONS

Spills and Disposal: Dispose of according to Local Authority Regulations.

SECTION 14 TRANSPORT INFORMATION

Road Transport: Not classified as dangerous goods by the criteria of the Australian Dangerous Goods Code (ADG).

SECTION 15 REGULATORY INFORMATION

Classification: This material is hazardous according to criteria of NOHSC.

Risk Phrase(s):

R31 Contact with acids liberates toxic gas.

Safety Phrase(s):

S2 Keep in a cool place.

S3 *Keep out of reach of children.

S13: Keep away from food, drink and animal foodstuffs.

S22: Do not breathe dust.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

All the constituents of this material are listed on the Australian Inventory of Chemical Substances

SECTION 16 OTHER INFORMATION

CONTACT POINTS ORGANISATION TELEPHONE ASK FOR Poisons Information Centre –Australia Wide Ph: 131126

Fire Brigade, Ambulance, Police Ph: 000

Every endeavour has been made to ensure that the information contained in this publication is reliable and offered in good faith. It is meant to describe the safety requirements of our products and should not be construed as guaranteeing specific properties. Customers are encouraged to conduct their own tests as end user suitability of the product for particular uses is beyond our control. The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness. Enviro Floors accepts no liability for loss, injury or damage arising from reliance upon the information contained in this data sheet except in conjunction with the proper use of the product to which it refers. Due care should be taken that the use and disposal of this product is in compliance with appropriate Federal, State and Local Government regulations.