SAFETY DATA SHEET

DECK CLEANER

1. Identification

Product identifier:	Deck Cleaner
Other means of identification:	PE700425
Recommended use and restrictions on use:	Cleaner for decks with a deep cleansing action to remove stains caused by dirt, mold and vegetable moss. Application of this product may give a flaky appearance to damaged wood, that was damaged by pressure washing or excessive usury caused by weather conditions. Application on new wood or recently sealed may cause bleaching and staining. Might turn sequoia darker. Avoid contact with metals, fabrics, floor coverings and outdoor furniture.
Initial supplier identifier:	Les Peintures Denalt ltée 8620 rue Pascal-Gagnon Montréal, Québec Canada H1P 1Z1 Tel: 514-328-2727
Emergency telephone number (hours of operation):	1 (514) 836-1350 - 8 :00 - 16 :30 Monday to Friday Transport: 24 hour number 1 (613) 996-6666 CANUTEC

2. Hazard Identification

Classification of the product:

SKIN CORROSION/IRRITATION – Category 1B
EYE DAMAGE/IRRITATION – Category 1
SPECIFIED TARGET ORGAN TOXICITY (Single exposure) - Category 3

GHS information elements

Hazard pictogram(s):

Signal word: Danger

Hazard statements:

H314 – Causes severe skin burns and eye damage
H335 – May cause respiratory irritation

Precautionary statements

Prevention:

P260 – Do not breathe dusts, fume, vapours or mists.
P264 – Wash skin thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
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): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P363 – Wash contaminated clothing before reuse.
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310 – Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove

	contact lenses, if present and easy to do. Continue rinsing.
Storage:	P403 + P233 – Store in a well-ventilated place. Keep container tightly closed. P405 – Store locked up.
Disposal:	P501 – Dispose of contents and container in accordance with local regulations.
Other known hazards:	None known.

3. Composition/Information on ingredients

Substance or mixture: Mixture

Ingredient	CAS number	Concentration
Sodium hypochlorite	7681-52-9	5 – 10 %

The actual concentration range is withheld as a trade secret.

Within the current knowledge of the supplier and in the applicable concentration, no additional ingredient present is classified as hazardous to health or the environment and therefore do not need identification in this section.

4. First-aid measures

Description of necessary first-aid measures

Inhalation:	Remove the patient to open air, far from the contaminated premises; if respiration stops or is difficult, give an artificial respiration adopting the proper measure for the helper.
Ingestion:	Do not induce vomiting. Get medical attention. If unconscious or in convulsions, take immediately to a hospital. Do not induce vomiting before consulting a doctor.
Skin contact:	Immediately flush with water, removing contaminated clothing. Wash with soap and water. Seek medical advice.
Eye contact:	Wash immediately with plenty of water for at least 15 minutes and seek medical advice at once.

Most important symptoms and effects, whether acute or delayed

Inhalation:	May cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed. May cause tooth erosion
Skin contact:	May be harmful if absorbed through skin. Causes skin burns. May cause skin irritation or dermatitis if exposed to low levels for an extended period.
Eye contact:	Causes eye burns. May cause serious ocular lesions.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.

5. Fire-fighting measures

Suitable extinguishing media:	The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.
Unsuitable extinguishing media:	None in particular.

Specific hazards arising from the hazardous product:	In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.
Hazardous combustion products :	Sodium oxides and hydrogen chloride gas.
Special protective equipment and precautions for fire-fighters:	Wear NIOSH approved self-contained breathing apparatus with full face piece and full protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:	Restrict access to area until completion of cleanup.
For emergency responders:	Wear adequate personal protective equipment.

Methods and materials for containment and cleaning up

Spill:	Soak up with inert absorbent material and dispose of as hazardous waste. This will release carbon dioxide, so use caution. Large spills should be contained and if not recoverable, then diluted with water or flushed to holding area and neutralized. Do not flush to sewer or surface waters.

7. Handling and storage

Precautions for safe handling:	Use appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Do not smoke while handling. Keep containers closed when not used.
Advice on general hygiene:	Eating, drinking and smoking in working areas should be prohibited. Wash hands with soap and water before meals and at the end of the work shift. Remove contaminated clothing and protective equipment before entering eating areas.
Conditions for safe storage, including any incompatibilities:	Store in a dry and well ventilated place. Do not store with oxidizing agents or other incompatible materials. Protect from physical damage and keep containers closed and upright.

8. Exposure controls/Personal protection

Control parameters:	Not available
Appropriate engineering controls:	Handling containers should be done in closed ventilation system (ex. Exhaust hood). Ventilation in area of heavy handling (cases, drums carboys); provide mechanical ventilation sufficient to reduce vapour or mist below permissible levels. Open processing equipment may require local exhaust systems. All must be corrosion resistant. Provide eye wash and quick drench facilities in areas of use.

Individual protection measures:

Hand protection:	Wear neoprene, nitrile, PVC or natural rubber gloves.
Eye protection:	For handling in a closed system, wear safety glasses with side shields. Add full face shield when pouring liquid. For leak, spill or other emergency, wear chemical safety goggles and face shield. Do not wear contact lenses.
Respiratory protection:	None required if handled in closed ventilation system. Where required (leak, spill, open handling of liquid), use NIOSH approved chemical cartridge respirator. For high concentrations, use NIOSH approved self-contained breathing apparatus or air supplied respirator, both with full face pieces.
Skin and body protection:	For handling in a closed ventilation system use protective apron of neoprene or NBR. For unusual situations (leak, spill, emergency), wear acid resistant full protective clothing

including boots. Remove and wash contaminated.

9. Physical and chemical properties

Appearance	
Physical state:	Liquid
Colour:	Not available
Odour:	Characteristic
Odour threshold:	Not available
pH:	12
Melting point:	Not available
Freezing point:	Not available
Initial boiling point and boiling range:	100°C (212°F)
Flash point:	Closed cup: Not applicable. (This product is unable to sustain combustion)
Evaporation rate:	Not available
Upper and lower flammability or explosive limits:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	1.07 (8.93 lb/gal)
Solubility:	Soluble in cold water
Partition coefficient — n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Cinematic (40°C (104°F)): 0.14 cm^2 / s (<14 cSt)
Volatility:	83% (v/v), 91.4% (w/w)
% Solid (w/w):	8.6

10.Stability and reactivity

Reactivity:	No specific test data related to reactivity available for this product.
Chemical stability:	The product is stable under normal conditions of use and storage.
Possibility of hazardous reactions:	Under normal conditions of use and storage, hazardous reactions will not occur.
Conditions to avoid:	None known.
Incompatible materials:	Powdered metals, amines, ammonia, strong acids, organic materials and methanol.
Hazardous decomposition products:	Under normal conditions of use and storage, hazardous decomposition products should not be produced.

11.Toxicological information

Acute toxicity:
There is no data available

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. May cause tooth erosion

Skin contact: May be harmful if absorbed through skin. Causes skin burns. May cause skin irritation or dermatitis if exposed to low levels for an extended period.

Eye contact: Causes eye burns. May cause serious ocular lesions.

Delayed and immediate effects, and chronic effects from short-term and long-term exposure:
No known significant effects or critical hazards.

Numerical measures of toxicity:
There is no data available

12.Ecological information

Ecotoxicity

Product/Ingredient name:	Not applicable
Tocxicity:	No data available
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13.Disposal considerations

Disposal methods:	Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
Contaminated packaging:	Contaminated packaging must be recovered or disposed of in compliance with Federal and Provincial waste management regulations.

14.Transport information

UN number:	UN1791
Proper shipping name:	HYPOCHLORITE SOLUTION
Hazard class:	8
Packing group:	III
Environmental hazard:	Yes
Special precautions:	Not applicable

15.Regulatory information

WHMIS 1988 Classification: E – Corrosive liquid

16.Other information

SDS information

Version:	1
Date (dd/mm/yyyy):	01/05/2018
Prepared by:	CFT Canada

Abbreviations:

STEV	SHORT-TERM EXPOSURE VALUE
TWAEV	TIME-WEIGHTED AVERAGE EXPOSURE VALUE

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