

UNIVERSAL STAIN STRIPPER

1. Identification

Product identifier:	Universal Paint Stripper
Other means of identification:	6200
Recommended use and restrictions on use:	Water based stripper for outside which will eliminate latex based coatings and wood oil, including transparent and solid dyes, varnishes, polyurethanes and waterproofing products. It is used for decks, fences, cladding, etc. Spray generously all plants and vegetation with water before and after the application. Cover delicate vegetation to avoid adverse effects.
Initial supplier identifier:	Les Produits Brabs Inc. 155B Boulevard Industriel Chateauguay, Québec Canada J6K 7J3 Tel: 514-836-1350 Fax: 450-699-9009
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:	ACUTE TOXICITY (Oral) – Category 4 ACUTE TOXICITY (Inhalation) – Category 4 ACUTE TOXICITY (Dermal) – Category 4 SKIN CORROSION/IRRITATION – Category 2 EYE DAMAGE/IRRITATION – Category 1 SPECIFIC TARGET ORGAN TOXICITY (Single exposure) – Category 3 SPECIFIC TARGET ORGAN TOXICITY (Repeated exposure) – Category 1
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GHS information elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statements:

H302 + H312 + H332 – Harmful if swallowed, in contact with skin or if inhaled
H315 – Causes skin irritation
H318 – Causes serious eye damage
H335 – May cause respiratory irritation
H372 – Causes damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention:

P260 – Do not breathe dusts, fume, vapours or mists.
P264 – Wash skin thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.
P271 – Use only outdoors or in a well-ventilated area.

Response:	P280 – Wear protective gloves/protective clothing/eye protection/face protection. P301 + P312 – IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P330 – Rinse mouth. P302 + P352 – IF ON SKIN: Wash with plenty of water. P362 + P364 – Take off contaminated clothing and wash it before reuse. P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 – Immediately call a POISON CENTER or a doctor. P332 + P313 – If skin irritation occurs: Get medical advice/attention. P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P314 – Get medical advice/attention if you feel unwell.
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 hydroxide	1310-73-2	1 - 5 %
2-Butoxyethanol	111-76-2	1 - 5 %

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 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. Seek medical advice.
Ingestion:	Do not induce vomiting before consulting a doctor. Wash mouth and get medical attention.
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:	Material is destructive to the tissue of the mucous membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed. May cause tooth erosion
Skin contact:	May be harmful if absorbed through skin. 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 carbon oxides
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:	Keep upwind or provide optimum ventilation. Small spills and residues can be neutralized with weak acids. 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.	Use appropriate skin and clothing protection.
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.	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 incompatible materials. Protect from physical damage and keep containers closed and upright. Close lid tightly after use.	Store in a dry and well ventilated place. Do not store with incompatible materials. Protect from physical damage and keep containers closed and upright. Close lid tightly after use. Avoid sparks and flames.

8. Exposure controls/Personal protection

Control parameters:

Ingredient	CAS Number	Value	Control Parameters	Basis
2-Butoxyethanol	111-76-2	TWAEV	97 mg/m ³	Québec. Regulation respecting occupational health and safety,

Sodium hydroxide	1310-73-2	STEV /Ceiling	2 mg/m ³	Schedule 1, Part 1: Permissible exposure values for airborne contaminants
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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:	11
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:	0.05 (butyl acetate = 1)
Upper and lower flammability or explosive limits:	Not available
Vapour pressure:	3.3 kPa (25 mm Hg) [Room temperature]
Vapour density:	Not available
Relative density:	1.1 (9.18 lb/gal)
Solubility:	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: Reacts violently with strong acids, metals, metal oxides and other acid materials.
Conditions to avoid: None known.
Incompatible materials: Strong oxidizing agents, acids, organic materials, lead, tin/tin oxides, zinc, aluminium and chlorinated solvents.
Hazardous decomposition products: Under normal conditions of use and storage, hazardous decomposition products should not be produced.

11. Toxicological information

Acute toxicity:

CAS : 111-76-2
LD50 Oral (rat) = 880 mg/kg
LD50 Dermal (rabbit) = 1060 mg/kg
LC50 Inhalation (rat) = 450 ppm

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

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: Material is destructive to the tissue of the mucous membranes and upper respiratory tract.
Ingestion: May be harmful if swallowed. May cause tooth erosion
Skin contact: May be harmful if absorbed through skin. 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:

This product may cause haematotoxicity through repeated exposure.

Numerical measures of toxicity:

There is no data available

12. Ecological information

Ecotoxicity

Product/Ingredient name: Not applicable
Toxicity: 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:

UN1824

Proper shipping name:

SODIUM HYDROXIDE SOLUTION

Hazard class:

8

Packing group:

III

Environmental hazard:

Not applicable

Special precautions:

Not applicable

15. Regulatory information

WHMIS 1988 Classification:

E – Corrosive liquid
D2B – Materials causing other toxic effects



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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