

NON-AMMONIATED FLOOR STRIPPER

Version Number: 1

Preparation date: 2006-06-05

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	NON-AMMONIATED FLOOR STRIPPER
MSDS #:	MS0600245
Product code:	CEB74502, CEB74510
Recommended use:	Floor stripper.
Manufacturer, importer, supplier:	Corporate Express 1 Environmental Way Broomfield, CO 80021 Phone: 888-238-6329
Emergency telephone number:	CHEMTREC 1-800-424-9300 (United States), CANUTEC 613-996-6666 (Canada, collect calls accepted), *666 (cellular in Canada only)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- DANGER
- CORROSIVE
- CAUSES SKIN AND EYE BURNS
- HARMFUL OR FATAL IF SWALLOWED

Principle routes of exposure:	<ul style="list-style-type: none"> • Eye contact • Skin contact • Inhalation
Eye contact:	<ul style="list-style-type: none"> • Corrosive • Causes permanent eye damage, including blindness
Skin contact:	<ul style="list-style-type: none"> • Corrosive • Causes permanent damage
Inhalation:	<ul style="list-style-type: none"> • May cause irritation and corrosive effects to nose, throat and respiratory tract
Ingestion:	<ul style="list-style-type: none"> • Corrosive • Causes burns to mouth, throat and stomach

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Potassium hydroxide	1310-58-3	7 - 13%
2-butoxyethanol	111-76-2	1 - 5%

HAZARDOUS COMPONENTS

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Potassium hydroxide	= 214 mg/kg	Not available	Not available
2-butoxyethanol	= 470 mg/kg	= 220 mg/kg	= 2.21 mg/L (4h) = 450 ppm (4h)

4. FIRST AID MEASURES

Eye contact:	<ul style="list-style-type: none"> • Immediately flush eyes with running water for at least 15-20 minutes, keeping eyelids open • Get medical attention immediately
Skin contact:	<ul style="list-style-type: none"> • Flush immediately with plenty of water for at least 15-20 minutes • Get medical attention immediately
Inhalation:	<ul style="list-style-type: none"> • If breathing is affected, remove to fresh air • Get medical attention immediately

4. FIRST AID MEASURES

Ingestion:	<ul style="list-style-type: none"> • If swallowed, give a cupful of water or milk • THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER • DO NOT induce vomiting unless directed to do so by medical personnel • Never give anything by mouth to an unconscious person
Aggravated Medical Conditions:	<ul style="list-style-type: none"> • Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	<ul style="list-style-type: none"> • Not applicable
Specific hazards:	<ul style="list-style-type: none"> • Not applicable
Unusual hazards:	<ul style="list-style-type: none"> • None known
Specific methods:	<ul style="list-style-type: none"> • No special methods required
Special protective equipment for firefighters:	
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear	
Extinguishing media which must not be used for safety reasons:	
No information available	

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	<ul style="list-style-type: none"> • Use personal protective equipment
Environmental precautions and clean-up methods:	<ul style="list-style-type: none"> • No information available

7. HANDLING AND STORAGE

Handling:	<ul style="list-style-type: none"> • Avoid contact with skin, eyes and clothing • Do not taste or swallow • Avoid breathing vapors or mists • Use only with adequate ventilation • Remove and wash contaminated clothing and footwear before re-use • Wash thoroughly after handling • Product residue may remain on/in empty containers • All precautions for handling the product must be used in handling the empty container and residue • Mix only with water • Do not mix with any other product or chemical
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.	
Storage:	<ul style="list-style-type: none"> • Protect from freezing • Keep tightly closed in a dry, cool and well-ventilated place • KEEP OUT OF THE REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	
<ul style="list-style-type: none"> • Good general ventilation should be sufficient to control airborne levels • Respiratory protection is not required if good ventilation is maintained 	
Personal Protective Equipment	
Eye protection:	<ul style="list-style-type: none"> • Chemical splash goggles
Hand protection:	<ul style="list-style-type: none"> • Chemical resistant gloves
Skin and body protection:	<ul style="list-style-type: none"> • Protective footwear • If major exposure is possible, wear suitable protective clothing and footwear
Respiratory protection:	<ul style="list-style-type: none"> • In case of insufficient ventilation wear suitable respiratory equipment • A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use
Hygiene measures:	<ul style="list-style-type: none"> • Handle in accordance with good industrial hygiene and safety practice

Personal protective equipment



Ingredient(s)	CAS #	ACGIH	OSHA	Mexico
Potassium hydroxide	1310-58-3	2 mg/m ³ (Ceiling)		
2-butoxyethanol	111-76-2	20 ppm (TWA)	Skin 240 mg/m ³ (TWA) 50 ppm (TWA)	75 ppm (STEL) 360 mg/m ³ (STEL) 120 mg/m ³ (TWA) 26 ppm (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid	Appearance:	Aqueous solution
Color:	Straw	Odor:	Solvent
Specific gravity:	1.137	pH:	13.0
Dilution pH:	No information available.	Density:	9.48 lbs/gal
Bulk density:	No information available	Vapor density:	No information available
Evaporation Rate	No information available	Solubility:	Soluble
VOC:	3.3% *	Viscosity:	No information available
Solubility in other solvents:			No information available
Partition coefficient (n-octanol/water):			No information available
Boiling point/range:			Not determined
Melting point/range:			Not determined
Flash point:			>200 (°F) >93.3 (°C)
Decomposition temperature:			Not determined
Autoignition temperature:			No information available
Elemental Phosphorus:			0.3 %P

10. STABILITY AND REACTIVITY

Stability:	<ul style="list-style-type: none"> The product is stable
Polymerization:	<ul style="list-style-type: none"> Hazardous polymerization does not occur
Hazardous decomposition products:	<ul style="list-style-type: none"> None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	Oral LD50 estimated to be between 2000 - 3000 mg/kg Dermal LD50 estimated to be > 2000 mg/kg
Component Information:	<ul style="list-style-type: none"> See Section 3
Chronic toxicity:	<ul style="list-style-type: none"> None known
Specific effects	
Carcinogenic effects:	<ul style="list-style-type: none"> None known
Mutagenic effects:	<ul style="list-style-type: none"> None known
Reproductive toxicity:	<ul style="list-style-type: none"> None known
Target organ effects:	<ul style="list-style-type: none"> None known

12. ECOLOGICAL INFORMATION

Environmental Information:	<ul style="list-style-type: none"> No data available
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13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	<ul style="list-style-type: none"> Undiluted product is regulated under environmental and transportation laws as a corrosive waste Dispose of according to all federal, state and local applicable regulations
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14. TRANSPORT INFORMATION

DOT/TDG:	Please refer to the Bill of Lading/receiving documents for up to date shipping information
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15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

Canada

Ingredient(s)	CAS #	NPRI
2-butoxyethanol	111-76-2	X

WHMIS hazard class: E Corrosive material .

**STATE RIGHT TO KNOW**

Ingredient(s)	CAS #	NJRTK:	MARTK:	PARTK:	RIRTK:
Monoethanolamine	141-43-5	X	X	X	X
Water	7732-18-5	-	-	-	-
Potassium hydroxide	1310-58-3	X	X	-	X
Tetrapotassium pyrophosphate	7320-34-5	-	-	-	-
Sodium xylene sulfonate	1300-72-7	-	-	-	-
2-butoxyethanol	111-76-2	X	X	X	X

CERCLA/ SARA

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Potassium hydroxide	1310-58-3	7 - 13%	1000		
2-butoxyethanol	111-76-2	1 - 5 %			X

16. OTHER INFORMATION

HMIS	Health	3	Fire Hazard	0	Reactivity	0
NFPA	Health:	3	Flammability:	0	Instability:	0

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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