

**\*MATERIAL SAFETY DATA SHEET\***

MEDICAL EMERGENCY ONLY: 1-800-255-3924

DELUX CLEANING SUPPLY LLC  
FT. WORTH, TX 76106

**SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** R-202 Heavy Duty Concrete Cleaner

**PRODUCT DESCRIPTION** BIODEGRADABLE POWDERED CONCRETE CLEANER

**DATE PREPARED:** MARCH 1, 2010

**LAST REVIEWED DATE**

**SUPPLIER NAME AND ADDRESS:** DELUX CLEANING SUPPLY LLC  
2513 WARFIELD STREET, FT. WORTH, TEXAS  
76106-7554

**SUPPLIER PHONE:** U.S./CANADA WATS: 800-433-2113, FAX: 817-625-2059, LOCAL: 817-625-4213

**EMERGENCY PHONE:** CHEM-TEL, INC. 800-255-3924 (24 HOURS)

**1.0 IDENTIFICATION/**

HAZARD RATING - LEAST = 0; SLIGHT = 1; MODERATE = 2; HIGH = 3; EXTREME = 4

1.1 PRODUCT NAME: KLEEN GREEN

1.2 PRODUCT TYPE: BIODEGRADABLE POWDERED CONCRETE CLEANER

1.3 HAZARD RATING: ACUTE HEALTH - 0; FIRE - 0; REACTIVITY - 0

( SEE SECTION 7 FOR ADDITIONAL INFORMATION )

**2.0 HAZARDOUS COMPONENTS/**

			TLV(MG/M3)	
	<u>CAS#</u>	<u>%</u>	<u>PEL</u>	<u>OTHER</u>
2.1 SODIUM METASILICATE, PENTA.	6834-92-0	<15	NONE	UNK
2.2 GLYCOL ETHER EB.	111-76-2	<2	25PPM	UNK

THIS PRODUCT CONTAINS NO OTHER COMPONENT CONSIDERED HAZARDOUS  
ACCORDING TO THE CRITERIA OF 29 CFR 1910.1200.

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### **3.0 PHYSICAL DATA/**

3.1 APPEARANCE AND ODOR: ORANGE POWDER TURNS GREEN IN SOLUTION  
WITH EB ODOR.

3.2 SOLUBILITY IN WATER: COMPLETE

3.3 PH: 100% = 10.5 TO 11.5

3.4 BOILING POINT: UNK

SPECIFIC GRAVITY: 7.84 LBS PER GAL.

3.5 VAPOR DENSITY: UNK

EVAPORATION RATE: UNK

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### **4.0 FIRE AND EXPLOSION DATA/**

4.1 SPECIAL FIRE HAZARDS: NONE

STANDARD AGENTS

4.2 FIRE FIGHTING METHODS:

4.3 FLASH POINT: UNK

4.4 FLAMMABLE LIMITS - LOWER: UNK UPPER: UNK

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### **5.0 REACTIVITY DATA/**

5.1 STABILITY: STABLE UNDER NORMAL CONDITIONS OF HANDLING.

5.2 CONDITIONS TO AVOID: HIGH MOISTURE WILL HARDED COMPOUND.

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### **6.0 SPILL OR LEAK PROCEDURES/**

#### **USE PROPER PROTECTIVE EQUIPMENT**

6.1 CLEANUP: MAXIMIZE VENTILATION. DIKE OR DAM LARGE  
SPILLS. RECOVER IF POSSIBLE. ADD ADSORBENT  
MATERIAL TO SOAK UP LIQUID. RINSE AREA  
THOROUGHLY WITH WATER.

6.2 WASTE DISPOSAL: THIS COMPOUND IS COMPOSED OF BIODEGRADABLE  
SURFACTANTS. CONSULT STATE AND LOCAL  
AUTHORITIES FOR RESTRICTIONS ON DISPOSAL OF

## OILY WATER AND CHEMICAL WASTE DISCHARGE.

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### **7.0 HEALTH HAZARD DATA/ DANGER**

#### 7.1 EFFECTS OF OVEREXPOSURE:

EYES:

CAUSES IRRITATION, LOSS OF NATURAL LUBRICATION.

SKIN:

PROLONGED CONTACT MAY DEFAT SKIN, LEADING TO IRRITATION AND DERMATITIS.

IF SWALLOWED:

HARMFUL IF SWALLOWED.

IF INHALED:

MAY IRRITATE MUCOSAL MEMBRANES. UNDER RECOMMENDED CONDITION, VAPOR LEVEL WILL BE TOO LOW TO PRESENT INHALATION HAZARD.

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### **8.0 FIRST AID/**

#### 8.1 EYES:

FLUSH EYES IMMEDIATELY WITH PLENTY OF COOL RUNNING WATER. REMOVE CONTACT LENSES. CONTINUE FLUSHING FOR 15 MINUTES HOLDING EYE LIDS OPEN.

#### 8.2 SKIN:

FLUSH SKIN WITH PLENTY OF COOL RUNNING WATER. WASH THOROUGHLY WITH SOAP AND WATER.

#### 8.3 IF SWALLOWED:

RINSE MOUTH; THEN DRINK 1 OR 2 LARGE GLASSES OF WATER. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

#### 8.4 IF INHALED:

MOVE IMMEDIATELY TO FRESH AIR; IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN.

IF SWALLOWED OR IN CASE OF PERSISTENT EYE OR SKIN IRRITATION, CALL A POISON CONTROL CENTER OR PHYSICIAN IMMEDIATELY.

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**9.0 SPECIAL PROTECTION INFORMATION /**

9.1 EYES: SPLASHPROOF GLASSES RECOMMENDED.

9.2 SKIN: RUBBER GLOVES RECOMMENDED.

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**10.0 ADDITIONAL INFORMATION/PRECAUTIONS /**

10.1 DOT HAZARD CLASS: NOT REGULATED.

10.2 DOT PROPER SHIPPING NAME: CLEANING OR SCOURING COMPOUND, DRY, N.O.S.

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KEEP OUT OF REACH OF CHILDREN

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT WITH RESPECT TO THE FORMULA USED TO MANUFACTURE THE PRODUCT. AS DATA, STANDARDS AND REGULATIONS CHANGE, AND CONDITIONS OF USE AND HANDLING ARE BEYOND OUR CONTROL, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

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Abbreviations:

UNK = UNKNOWN AT THIS TIME

PEL= PERMISSIBLE EXPOSURE LIMIT

TLV = THRESHOLD LIMIT VALUE

STEL = SHORT TERM EXPOSURE LEVEL

C =

CEILING LIMIT, NOT TO BE EXCEEDED