



SAFETY DATA SHEET

R-202

1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM) R-202		C.A.S. NO. N/A	
CHEMICAL NAME/DISCRPTION Maximum Strength Concrete Cleaner			
Emergency telephone number: ChemTel: 1-800-255-3924			Contract Number MIS0006628
ADDRESS (No., STREET, CITY, STATE, AND ZIP CODE) Delux® Inc. 2300 Cold Springs Road Fort Worth, TX 76106			
CONTACT Cody Downs	PHONE NUMBER 817-529-6637	ISSUED DATE 5/8/2015	REVISED DATE 08/12/2015

2. GHS Classification

Signal Word: DANGER

Skin: Category 1 Eyes: Category 1

HAZARD STATEMENT: Causes severe skin and eye damage

H315 Irritant



HAZARD IDENTIFICATION

HAZARD DATA RATING: 1 – Health, 3 – Fire, 0 – Reactivity
0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Sever

GHS Hazard Statements

H303: May be harmful if Swallowed
H315: Causes skin irritation
H319: Causes serious eye irritation
H373: May cause damage to organs through Prolonged exposure.
H402: Harmful to aauatic life

GHS Precautionary Statements

P102: Keep out of the reach of children
P103: Read label before use
P262: Do not get in eyes, on skin or clothing
P273: Avod release to the environment
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352: IF ON SKIN: Wash with soap and water
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P306+P360: IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothers.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists get medical advice /attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT/C.A.S. WT. % CHEMICAL NAME	CAS #	CONCENTRATION (%)
Sodium Tripolyphosphate	CAS# 7758-29-4	10-15
Sodium Carbonate	CAS# 497-19-8	25-35
Sodium Metasilicate, Pentahydrate	CAS# 6834-92-0	15-25
Alcohols C9-C11	CAS# 68439-4	6-8
Trisodium Phosphate	CAS# 7601-54-9	10-15
Glycol Ether EB	CAS# 111-76-2	3-8

4. FIRST AID MEASURES

Eyes: Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.

Skin: Flush skin with cool water. Wash the exposed area with plenty of soap and water.

Inhalation: Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

Ingestion: Have person drink a glass of water immediately if able to swallow. Get medical attention immediately. Do Not INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

EFFECTS OF OVEREXPOSURE

Acute: Skin: Prolonged contact may defat skin leading to irritation and dermatitis. Eyes: Causes irritation, loss on natural lubrication.

Chronic: Skin: repeated or prolonged skin contact would be expected to cause drying, cracking and inflammation of the skin. (dermatitis)

5. FIRE-FIGHTING MEASURES

SPECIAL FIRE HAZARDS: None

FIRE FIGHTING METHODS: Use CO2 Foam or Dry Chemical

FLASH POINT: UNK.

FLAMMABLE LIMITS – LOWER: UNK **UPPER:** UNK

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. Handling and Storage

NORMAL HANDLING

Use smallest amounts possible in designated areas with adequate ventilation. Keep containers closed when not in use. Empty containers may contain hazardous residue. Avoid generating mists. Transfer solutions using equipment which is corrosion resistant. Cautiously transfer into sturdy containers made of compatible materials. Never return contaminated material to its original container. Never add water to solution, always add solution to water and provide agitation.

STORAGE

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Protect from damage. Store away from incompatible materials. Avoid freezing.

8. Exposure Control/Personal Protective Equipment

RESPIRATORY PROTECTION: n/a

EYES AND FACE: Splashproof glasses recommended

HANDS, ARMS AND BODY: Rubber gloves recommended

OTHER CLOTHING AND EQUIPMENT: n/a

9. Physical Properties

MATERIAL IS (AT NORMAL CONDITIONS): Granular		APPEARANCE AND ODOR Granular Orange Mixture with Solvent odor	
BOILING POINT UNK	MELTING POINT NA	SPECIFIC GRAVITY (H ₂ O = 1) 1.80	VAPOR DENSITY (AIR = 1) 0.012
SOLUBILITY IN WATER (% by Weight) 100%		pH 5% = 12.5 to 13.5	VAPOR PRESSURE (mm Hg at 20°C) N/A
EVAPORATION RATE <input type="checkbox"/> (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <1 (Ether = 1)		% VOLATILES BY VOLUME (At 20°C) 0	

10. Stability & Reactivity

STABILITY: Stable

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: None Known

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact

Potential Health Effects

Eyes: Causes serious eye damage Skin: Causes severe skin irritation Ingestion: May be harmful if swallowed

Inhalation: Under normal conditions, vapor level will be too low to present inhalation hazard.

Experience with human exposure

Eyes: Flush eyes immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes holding eye lids open.

Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

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.

If Inhaled: Move immediately to fresh air; If breathing is difficult, administer oxygen.

12. Ecological and Aquatic Toxicity

BIODEGRADABILITY/AQUATIC TOXICITY: No know Aquatic Toxicity or Ecotoxicological effects.

OCTANOL/WATER PARTITION COEFFICIENT: n/a

EPA HAZARDOUS SUBSTANCE? No IF SO, REPORTABLE QUANTITY: 40 CFR 116-117

13. Disposal

WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.

Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of with normal garbage or to sewer systems.

14. Transportation

D.O.T. CLASSIFICATION: Not Regulated by D.O.T.

15. Regulatory

EPCRA- Emergency Planing and Community Right-to-Know

CERCLA Reportable Quantity: This material does mnot contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain ay components with a section 304 EHS RQ.

SECTION 313 (Specific toxic chemical listings): None of the ingredients is listed.

TSCA (Toxic Substances Control Act): On TSCA Inventory

16. Other

	NFPA	HMIS
HEALTH	3	3
FLAMMABILITY	0	0
REACTIVITY	1	1
SPECIAL HAZARDS		
PROTECTIVE EQUIPMENT		

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