



SAFETY DATA SHEET

V-502

1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM) V-502 Vent A Hood Cleaner		C.A.S. NO. N/A	
CHEMICAL NAME/DESCRIPTION Caustic Hood 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 2/27/2015	REVISED DATE 08/13/2015

2. GHS Classification

Signal Word: **DANGER**

Skin: Category 1 Eyes: Category 1

H314 Corrosive



H315 Irritant



HAZARD IDENTIFICATION

HAZARD DATA RATING: 1 – Health, 3 – Fire, 0 – Reactivity

0 = Minimal, 4 = Slight, 3 = Moderate, 2 = Serious, 1 = Sever

GHS Hazard Statements

H303: May be harmful if Swallowed
H313: May be harmful in contact with skin
H320: Causes eye irritation
H371: May cause danger to organs
H314: Causes Sever Skin Burns and Eye damage

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: Avoid release to the environment
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
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.
P332+P303: If skin irritation occurs: Get medical advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT/C.A.S. WT. %

CHEMICAL NAME	CAS #	CONCENTRATION (%)
Sodium Nitrite	CAS# 7631-99-4	<1.5
Triethanolamine	CAS# 71-91-0	<3.5
Sodium Hydroxide	CAS# 1310-73-2	<82.5
Sodium Gluconate	CAS# 527-07-1	<15.5

COMPOSITION/ INFORMATION ON INGREDIENTS CONT.

D-limonene	CAS# 5989-27-5	<3.5
Sodium Carbonate	CAS# 97328-76-2	<2.6

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 while removing contaminated clothing and shoes. Get immediate medical attention. Wash clothing before reuse and throw away shoes which cannot be thoroughly cleaned.

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: Major potential hazard. Causes severe burns with deep ulcerations. Eyes: Causes severe destruction and blindness. These effects can occur rapidly affecting all parts of the eye.

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: Water will produce violent exothermic reaction.

FIRE FIGHTING METHODS: Use CO2 Foam or Dry Chemical

FLASH POINT: N/A

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 moisture.

8. Exposure Control/Personal Protective Equipment

RESPIRATORY PROTECTION: n/a

EYES AND FACE: Splash proof glasses recommended

HANDS, ARMS AND BODY: wear appropriate personal protective equipment to prevent skin contact. Rubber chemical proof gloves recommended

OTHER CLOTHING AND EQUIPMENT: n/a

9. Physical Properties

MATERIAL IS (AT NORMAL CONDITIONS): Granular		APPEARANCE AND ODOR Orange to Green granular powder with Citrus odor	
BOILING POINT Unknown	MELTING POINT NA	SPECIFIC GRAVITY (H ₂ O = 1) 1.885	VAPOR DENSITY (AIR = 1) Unknown
SOLUBILITY IN WATER (% by Weight) 100%		pH 1% = 13 to 14	VAPOR PRESSURE (mm Hg at 20°C) N/A
EVAPORATION RATE <input type="checkbox"/> (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) 0		% VOLATILES BY VOLUME (At 20°C) 0	

10. Stability & Reactivity

STABILITY: Stable **INCOMPATIBILITY:** Acids and strong Oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID: Mixture with water, acid or incompatible materials can cause splattering and release of large amounts of heat. Will react with some metals.

11. TOXICOLOGICAL INFORMATION

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

Potential Health Effects

Eyes: Causes serious eye damage Skin: Causes sever 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: UN 1759, Corrosive Solid, n.o.s., (Sodium Hydroxide), 8, PG II

15. Regulatory

EPCRA- Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

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

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

TSCA (Toxic Substances Control Act): All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

16. Other

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

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ROYAL CUSTOM PRODUCT CODE(S): V-502