Carolina's Perfect Solution Carolina Biological Supply

Revised: 08/14/02 Replaces:10/18/01 Printed: 08/21/02

1. PRODUCT DESCRIPTION

Carolina's Perfect Solution™ Product Name:

Product Code(s): Various

Size: Various

Chemical Name: Product is a mixture

CAS Number: See section 2 Formula: See section 2

Synonyms: None

Carolina Biological Supply Company Distributor:

2700 York Road

Burlington, NC 27215 Chemical Information: 800-227-1150 (8am-5pm (ET) M-F)

Chemtrec (Transportation Spill Response 24 hours): 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Principle Hazardous Components: The components of this mixture are proprietary. TLV and PEL units: N/A

3. HAZARD IDENTIFICATION

Emergency Overview: Do not take internally. May cause burns to eyes and skin. Vapor of some components can be irritating if inhaled.

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

Eyes - Flush with water for at least 15 minutes, raising and lowering eyelids occasionally. Get medical attention if irritation persists.

Skin - Thoroughly wash exposed area for at least 15 minutes. Remove contaminated clothing. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

Ingestion - Do not induce vomiting. If swallowed, if conscious, give plenty of water immediately and call a physician or poison control center. Never give anything by mouth to an unconscious person. Inhalation - Remove to fresh air. Give oxygen if breathing is difficult; give artificial respiration if breathing has stopped. Keep person warm, quiet, and get medical attention.

5. FIREFIGHTING PROCEDURES

Flash Point(T.C.C.): 101 F

Health 2 NFPA Rating:

Flammability 2 Reactivity

Extinguisher Media:

Use dry chemical, CO2 or appropriate foam. Flammable Limits in Air % by Volume: N/A Autoignition Temperature: N/A

Special Firefighting Procedures:

Firefighters should wear full protective equipment and NIOSH approved

self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Under intense heat, components of this mixture may produce hazardous decomposition products, give off irritating vapors, and give off heavy smoke and flammable vapors.

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6. SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released of Special States of Steps to Supress production of vapors at hazardous concentrations. Wear for the supress productive equipment to minimize exposure. Apply Steps to be Taken in Case Material is Released or Spilled: absorbent and containerize. Decontaminate clothing and spill area with detergent and flush with copious amounts of water.

7. SPECIAL PRECAUTIONS

Precautions to be Taken in Handling or Storing: Avoid contact with skin, eyes and clothing. Store in a cool, dry, well-ventilated area below 120 F.

Control access to this and all other hazardous materials. Wear personal protective equipment as is outlined in Section 8 and on the product label.

Other Precautions: Avoid breathing vapors.

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection(Specify Type): None needed under normal conditions of use.

Ventilation:

Local Exhaust: Acceptable Mechanical (General): Required Special: No Other: No

Protective Gloves:

Rubber, neoprene, PVC, or equivalent.

Eye Protection:

Splash proof chemical safety goggles should be worn at all times. Other Protective Clothing or Equipment:

Lab coat, eye wash, and safety shower.

9. PHYSICAL DATA

Molecular Weight: Does not apply. Product is a mixture. No data available Melting Point: Boiling Point: 148 - 206 F Vapor Pressure: Vapor Density(Air=1): No data available No data available Specific Gravity (H20=1): .99 Percent Volatile by Volume: No data available Evaporation Rate (H2O=1): No data available

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Solubility in Water: Appearance and Odor: Product is an aqueous mixture Colorless, odorless solution

10. REACTIVITY DATA Stability: Stable

Conditions to Avoid: Temperatures above 425 F, flame

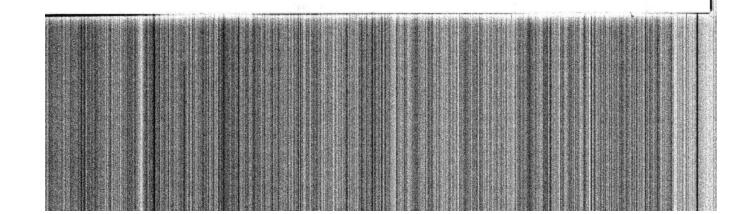
Incompatibility (Materials to Avoid): Alkalies, amines, sulfides, strong oxidizers, metals, strong bases

Hazardous Decomposition Products: If heated to decomposition, carbon monoxide carbon dioxide, nitrogen oxides and other unidentified

hydrocarbons will be evolved.

Hazardous Polymerization: Will not occur

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11, TOXICITY DATA

Toxicity Data: To the best of our knowledge, the toxicity of this mixture has not been evaluated as a whole. Lowest reported orl-rat LD50: 7060 mg/kg

Effects of Overexposure:

Acute: See section 3
Chronic: To the best of our knowledge, the chronic effects data for this mixture as a whole have not been reported. The mixture's primary components are not currently listed as causing cancer. Mutation data, reproductive data, and/or tumorigenic data has been cited for components of this mixture.

Conditions Aggravated by Overexposure: Pre-existing conditions of the respiratory system

Target Organs: N/A
Primary Route(s) of Entry: Inhalation, skin, eye contact

12. ECOLOGICAL DATA EPA Waste Numbers: N/A

13. DISPOSAL INFORMATION

Waste Disposal Methods: Dispose in accordance with all applicable Federal, State and Local regulations.

Always contact a permitted waste disposer (TSD) to assure compliance.

14. TRANSPORT INFORMATION

Flammable liquids, nos(ethanol) 3 UN1993 II

15. REGULATORY INFORMATION

This product contains material known to cause cancer, birth defects or other reproductive harm.

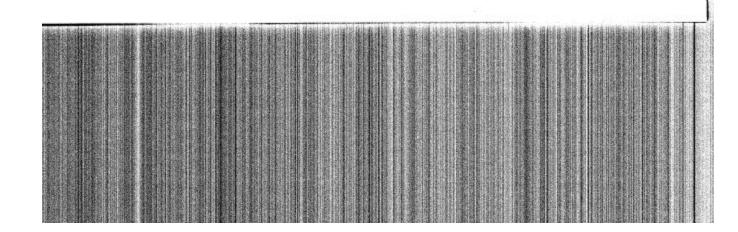
EPA TSCA Status: On TSCA Inventory Hazard Category for SARA Section 311/312 Reporting: Acute Chronic

	Ma	No. No.	VI.o.	Ma
Components	TPQ	List Category	RQ 1bs.	261.33
Product or	Sec. 302	Name Chemical	Sec. 103	Sec.
	SARA EHS	Chemicals	CERCLA	RCRA
		SARA Sec. 313		

16. ADDITIONAL INFORMATION

The information provided in this Material Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Carolina Biological Supply makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Material Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein

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in regards to the particular use to which the employer puts the material.

Glossary
ACGIH.....American Conference of Governmental Industrial Hygienists
CAS Number .Chemical Services Abstract Number
CERCLA....Comprehensive Environmental Response, Compensation, and Liability Act
DOT.....U.S. Department of Transportation
IARC....International Agency of Research on Cancer
N/A....Not Available
NTP....National Toxicology Program
OSHA...Occupational Safety and Health Administration
PEL...Permissible Exposure Limit
ppm...parts per million
RCRA...Resource Conservation and Recovery Act
SARA...Superfund Amendments and Reauthorization Act
TLV....Threshold Limit Value
TSCA....Toxic Substances Control Act