

Material Safety Data Sheet

Section 1 General Information

Manufacturer:

Zinsser Company, Inc.
173 Belmont Drive
Somerset, NJ 08875
(732) 469-8100

Emergency Telephone: Chemtrec (800) 424-9300**Date:** February 5, 2007**Product Name:** Zinsser Citrus Magic Strip**Codes:** 42102 42104

Section 2 Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Monoethanolamine	141-43-5	NE	3 ppm (TWA) 6 ppm (STEL)
N-Methyl-2-Pyrrolidone	872-50-4	NE	NE

Section 3 Hazard Identification

Emergency Overview: This material is a paint stripper. It is a green colored gel with a faint lemon type odor and flash point of 190° F. This material may cause eye, skin, nose, and throat irritation and may be harmful if inhaled.

Primary Routes of Exposure:

Skin Contact
Eye Contact
Inhalation

Potential Acute Health Effects:

Eye: Exposure may cause severe eye irritation. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness, swelling, and eye damage.

Skin: Exposure to skin may cause skin irritation or a burning sensation. Prolonged or repeated contact may cause skin to become reddened, rough and dry due to the removal of natural oils and may result in dermatitis. May be harmful if absorbed through skin. Persons with preexisting skin disorders may be more susceptible to the effects of this material.

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Ingestion: May be harmful if swallowed. Swallowing this material may cause gastrointestinal irritation (nausea, vomiting, and diarrhea) and central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Inhalation: Do not breathe vapor or spray mist. Inhalation may cause respiratory tract irritation. Breathing high concentrations of vapors or mists may produce symptoms of central nervous system depression, headaches, nausea, and drowsiness. Respiratory symptoms associated with preexisting lung disorders (e.g. asthma-like conditions) may be aggravated by exposure to this material.

Potential Chronic Health Effects:

Signs and Symptoms: Prolonged or repeated skin contact may cause dermatitis. Persons with pre-existing skin disorders or impaired liver, kidney, and pulmonary function may be more susceptible to the effects of this material.

(See also Sections 4, 8, and 11 for related information)

Section 4 First Aid Measures

Eye contact: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin contact: In case of skin contact, wash thoroughly with soap and water for at least 15 minutes. Get medical attention immediately. Remove contaminated clothing and shoes.

Ingestion: If swallowed, contact a physician or poison control center immediately. DO NOT induce vomiting unless directed to do so by medical personnel. May cause irritation of the gastrointestinal tract with vomiting.

Inhalation: If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

Section 5 Fire Fighting Measures

Flash Point (method): N/D (estimated at 190° F)

Extinguishing Media: Water, CO₂, foam, dry chemical or water supply.

Protection of Firefighters: As in any fire, wear self-contained breathing apparatus in pressure demand mode and full protective gear.

Unusual Fire and Explosion Hazards: None known.

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Section 6 Accidental Release Measures

Clean Up Methods: Keep unnecessary people away. Dike and contain spill with inert material (sand, earth, etc.). Transfer liquid to containers for recovery or disposal, or absorb with absorbent materials and place into containers for disposal. Keep spill out of sewer and open bodies of water. Prevent runoff to sewers, streams or other bodies of water. Floors may be slippery; care should be exercised to avoid falls during clean up operations.

Spillage: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. Clean up rags, papers and waste promptly. Allow solvent to evaporate then dispose of in metal container. Call your local sanitation department for aid in disposing of unwanted product in your area or call the Environmental Protection Agency Solvent and Hazardous Waste Hotline at 1-800-424-9345. Do not dump on the ground or in local sewer of discharge system.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment and Section 13 for Disposal information.)

Section 7 Handling and Storage

Handling: Open containers carefully and close after each use. Do not get in eyes, on skin or on clothing. Do not breathe vapors or spray mist. Wash thoroughly after handling. Wash clothing before reuse. Thoroughly clean contaminated shoes. Do not use pressure to empty containers. Containers, even those that have been emptied; will retain product residue and vapors. Always obey hazard warnings and handle empty containers as if they were full. Use this product outdoors, if possible. If you must use it indoors, open all windows and doors or use other means to ensure fresh air movement during application and drying. Ensure fresh air entry during application and drying. Prevent the build-up of vapors by opening windows and doors to achieve cross-ventilation.

Storage: Store in a cool, dry, well-ventilated place away from incompatible materials. Keep containers tightly closed when not in use. Vapors of this product are heavier than air and will collect in low places, such as pits or degreasers or other poorly ventilated areas. Do not enter places where vapors are suspected unless special respirator protection is worn and an observer is present. Do not store near oxidizers, strong acids or bases. KEEP OUT OF REACH OF CHILDREN.

(See also Section 8 for information on Exposure Controls and Personal Protective Equipment)

Section 8 Exposure Controls / Personal Protection

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Engineering Controls: Use in well-ventilated area and ensure good cross ventilation during use and while drying. If necessary, use mechanical local exhaust ventilation or general room dilution ventilation to reduce vapor concentrations.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Personal Protective Equipment (PPE)

Eye Protection: Do not get in eyes. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact

Skin Protection: Avoid skin contact. It is recommended that PVA, rubber or other impermeable, chemically resistant gloves be worn to prevent skin contact. Depending on conditions of use additional protective equipment may be necessary such as face-shield, apron or coveralls.

Respiratory Protection: If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels exceed applicable occupational exposure limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. For emergency or non-routine operations involving high vapor concentrations (such as enclosed areas) supplied air breathing apparatus (such as an airline respirator or SCBA) may be required.

Protective Clothing: Wear chemical-resistant gloves, boots, and aprons to prevent skin contact.

General Hygiene Practices: Wash after handling material. Prevent eye and skin contact. Wash thoroughly before handling food, cosmetics, or before smoking.

Section 9 Physical Data

Appearance: Green

Odor: Faint lemon odor

Physical State: Gel

pH: N/D

Boiling Point: 212°F

Melting Point: N/A

Vapor Pressure: 0.2 mmHg @ 20°C

Vapor Density: Heavier than air.

Viscosity: N/D

Solubility in Water: N/D

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Specific Gravity (water = 1): 1.05

Section 10 Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Can not occur.

Hazardous Decomposition Products: CO₂, CO, release when heated.

Incompatibility: Avoid contact with oxidizing agents, strong acids or bases.

Section 11 Toxicological Information

Carcinogenicity: Ingredients listed below are present at or greater than 0.1% and are classified by either IARC, NTP, or OSHA as carcinogenic:

<u>Ingredient</u>	<u>CAS #</u>	<u>IARTC</u>	<u>NTP</u>	<u>OSHA</u>
Non	N/A	No	No	No

Target Organs Effected: Animal tests indicate that N-Methyl-2-Pyrrolidone may cause toxic effects upon human reproduction.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Section 12 Ecological Information

Chemical Fate and Effects: None known.

Section 13 Disposal Considerations

Recommended Waste Disposal Method: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of ignitability (D001). The transportation, storage, treatment, and disposal of this waste must be conducted in compliance with 40 CFR 262, 263, 264, 268, and 270. Disposal can only occur in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate, or otherwise inappropriate.

Section 14 Transportation Information

N/A: Not Applicable N/D: Not Determined N/E: Not Established N/R: Not Required Est.: Estimated

Regulated by the US Department of Transportation (DOT): Yes

DOT Proper Shipping Name: Combustible Liquid

UN / NA Number: Not Applicable

DOT Hazard Class: Not Applicable

DOT Packing Group: Not Applicable

Section 15 Regulatory Information

CERCLA:

The Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification to the National Response Center for releases of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4 (for CERCLA 102).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

SARA Title III, section 311/312:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
None	N/A	N/A

SARA Title III, section 313:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

Components present in this product at a level which could require reporting under the statute are:

<u>Chemical Name</u>	<u>CAS#</u>	<u>Maximum Concentration (Wt. %)</u>
N-Methyl-2-Pyrrolidone	872-50-4	9 %

TSCA:

The components of this mixture are listed in the Toxic Substance Control Act Inventory of Chemical Substances.

This product does not contain any chemicals that require export notification under Section 12(b) of the TSCA regulation.

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Section 16 Other Information

Legend: N/A: Not Applicable
N/E: Not Established
cps: Centipoise
STEL: Short Term Exposure Limit
PPM: Parts Per Million
PEL: Permissible Exposure Limit
TWA: Time Weighted Average
mppcf: Million particles per cubic foot of air.
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration (US Dept. of Labor)
RCRA: Resource Conservation and recovery Act
SARA: Superfund Amendment and Reauthorization Act
TSCA: Toxic Substance Control Act
FHSA: Federal Hazardous Substance Act

N/D: Not Determined
N/R: Not Required
KU: Krebs Units
C: OSHA Ceiling Value
PPB: Parts Per Billion
TLV: Threshold Limit Value
mg/m³: Milligrams per cubic Meter

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Disclaimer: Zinsser Co., Inc. believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state, and local laws and regulations.

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