

MSDS Material Safety Data Sheet

Wechem, Inc.



E- Strip

MSDS Number: I61A

Revision Date: 11/12/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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Product Name: E- Strip
Revision Date: 11/12/09
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2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption, inhalation, eye
Target Organs: NA
Inhalation: Inhalation of generated mist may cause nasal and respiratory irritation, nausea
Skin Contact: May cause irritation
Eye Contact: May cause irritation
Ingestion: May cause abdominal discomfort, nausea and diarrhea if swallowed

HMIS II-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0
HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 0
NFPA-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
872504	N-Methyl-2-Pyrrolidone	< 40	NA	NA	D



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4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.
Skin Contact: Wash with soap and water. If irritated, seek medical attention.
Eye Contact: Do not rub in eyes. Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Induce vomiting. Drink two large glasses of water. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: > 200 Deg. F.
Flash Point Method: Open cup
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: NA

Extinguishing media: Foam, dry chemical, carbon dioxide, water spray

Special fire fighting procedures: Treat as oil fire. Use water spray to cool fire-exposed containers. Wear self-contained breathing apparatus and protective clothing.

Fire and explosion hazards: Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to spontaneous combustion

This product contains antioxidants to retard oxidation.

6 ACCIDENTAL RELEASE MEASURES

Avoid uncontrolled releases of this material into the environment. Contain spilled material. Where necessary, collect using absorbent media. Transfer to secured labelled containers.

7 HANDLING AND STORAGE

Handling Precautions: Handle all containers carefully.
Storage Requirements: Handle all containers carefully. Keep out of reach of children. Store upright in a cool, dry and well ventilated area, in tightly closed containers away from combustible materials, material used in combination with any other materials or in any other applications

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Adequate general ventilation
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None required under normal use conditions.
Protective gloves: Impervious gloves recommended
Eye protection: Chemical splash goggles recommended
Other protective clothing or equipment: Wear suitable clothing to avoid skin contact.
Exposure Guidelines/Other: Hygienic work practices: Do not smoke in areas of storage or use. Avoid contact with eyes. Wash with soap and water immediately after handling.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	light golden yellow liquid/ light brown viscous liquid		
Physical State:	Liquid	Boiling Point:	> 600 Deg. F
Odor:	Mild	Freezing/Melting Pt.:	NA
pH:	(Conc): 8 - 9	Solubility:	Partially water soluble
Vapor Pressure:	ND	Spec Grav./Density:	(H2O=1): 0.99 - 1.00
Vapor Density:	(Air=1): ND		
Heat Value:	NA		
VOC:	NA		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Excessive heat or open flame
Materials to avoid (incompatibility):	Strong oxidizers, acids
Hazardous Decomposition products:	Carbon dioxide, carbon monoxide
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Eye irritant.

12 ECOLOGICAL INFORMATION

NA. All possible measures should be taken to prevent release into the environment.

13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.



14 TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*n-Methyl-2-pyrrolidone (872504 <40%) MASS, NJHS, PA, SARA313, TSCA

State Regulations:

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This product contains one or more chemicals known to the State of California to cause reproductive toxicity.

Consult the regulations of the given state.

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
NJHS = NJ Right-to-Know Hazardous Substances
TSCA = Toxic Substances Control Act

APP9 = Appendix 9
CERCLA = Superfund clean up substance
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
HWRCA = RCRA Hazardous Wastes
NRC = Nationally Recognized Carcinogens
OSHAHS = OSHA Hazardous and Toxic Substances
OSHAWAC = OSHA workplace Air Contaminants
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

16 OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT