

Apple Environmental

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SAFETY DATA SHEET

SECTION 1 ----- PRODUCT / COMPANY IDENTIFICATION-----

Product number: 1501
Product name: Apple Environmental Meth Remover Part 1
Distributed by Apple Environmental

SECTION 2 -----HAZARD IDENTIFICATION-----



Physical State: Liquid
Color: Colorless
Odor: Amine like

Skin corrosion/irritation – Category 2
Serious eye damage/eye irritation – Category 2

Emergency Overview

Warning!

Causes skin irritation. Causes serious eye irritation.

Wash thoroughly after handling. Wear protective gloves and eye/face protection. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Other Information

Toxic to aquatic organisms.
May be harmful to environment if released in large amounts.

Routes of Entry: Absorbed through skin. Dermal contact, eye contact. See Toxicological Information (Section 11)

SECTION 3 ----- COMPOSITION / INFORMATION ON INGREDIENTS-----

<u>Components</u>	<u>CAS#</u>	<u>Percent</u>
Disodium Carbonate	497-19-8	1-5%
Ethanol	64-17-5	1-5%
Water based buffer	7732-18-5	>70%

The exact percentage (concentration) of composition has been withheld as a trade secret

SECTION 4 -----FIRST AID MEASURES-----

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Eye Contact: Check for and remove contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 30 minutes. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

Medical conditions Aggravated by Overexposure: Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION 5 -----FIRE FIGHTING MEASURES -----

Extinguishing Media	Same as surrounding material
Flash Point:	Not flammable
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

SECTION 6 -----ACCIDENTAL RELEASE MEASURES-----

Spill:	Contain spill. Use absorbents. Flush with large amounts of water.
Disposal:	Dispose of material in accordance with all local, state and federal regulations.

SECTION 7 ----- HANDLING AND STORAGE-----

Keep container closed while not in use and use only with adequate ventilation. Store container in a cool, segregated, approved and well ventilated area.

SECTION 8 -----EXPOSURE CONTROL / PERSONAL PROTECTION-----

Eye Protection:	Wear Safety Glasses or goggles to prevent eye contact
Local Exhaust:	Normal dilution ventilation can be used
Protective Gloves:	Wear chemical resistant gloves when handling

SECTION 9 -----PHYSICAL AND CHEMICAL PROPERTIES-----

Physical State: Liquid
 Color: Clear, colorless
 Odor: Amine like
 pH: 10.5
 Boiling Point: 212°F
 Freezing Point: 28°F
 Vapor Pressure: Undetermined
 Vapor Density: Undetermined
 Evaporation rate: 1 (water = 1)
 Specific Gravity: 1.1
 Solubility in Water: Miscible (100% Soluble)

SECTION 10 -----STABILITY AND REACTIVITY -----

Stability:	Stable
Incompatibilities and Reactivity:	Reacts with strong acids to produce moderate heat
Hazardous decomposition products:	Possible oxides of carbon and nitrogen and chloride salts.

SECTION 11 -----TOXICOLOGICAL INFORMATION-----

<u>Ingredient Name of Product Name</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Ethanol	LD50	7060 mg/kg	Oral	Rat

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LD50	6300 mg/kg	Oral	Rabbit
LD50	3450 mg/kg	Oral	Mouse
LDLo	1400 mg/kg	Oral	Human
LDLo	5500 mg/kg	Oral	Dog
LC50	20000 ppm (10 hours)	Inhalation	Rat

Chronic Effects on Humans Carcinogenic Effects: Classified none. By NIOSH (ethanol). Classified A4 (Not classifiable for Human or animal.) by ACGIH (ethanol).
 Developmental Toxicity: Classified Reproductive system/toxin/female. Reproductive system/
 Toxin/male (PROVEN) (ethanol).
 Acute Effects Skin Moderately irritating to the skin.
 Special Remarks on Other Toxic
 Effects on Humans:

SECTION 12 -----ECOLOGICAL INFORMATION-----

Ecotoxicity

<u>Ingredient Name or Product Name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
Ethanol	Daphnia magna (EC50)	48 hour(s)	2 mg/l
	Daphnia magna (EC50)	48 hour(s)	9.3 mg/l
	Daphnia magna (EC50)	48 hour(s)	>100 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>100 mg/l
	Daphnia magna (LC50)	96 hour(s)	>100 mg/l
	Oncorhynchus mykiss (LC50)	96 hour(s)	13000 mg/l

Biodegradability and Ecotoxicity Remarks
 Products of Degradation

Proprietary Component: 43% @ Day 28; 60% @ Day 112
 These products are carbon oxides (CO, CO₂) and water, nitrogen oxides (NO,NO₂...), Chloride compounds.

SECTION 13 -----DISPOSAL CONSIDERATIONS-----

Waste Information: Waste must be disposed of in accordance with federal, state and local environmental control regulations.
 RCRA Classification: Non hazardous
 Container Disposal: Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying.
 Triple rinse empty container with water. Then offer for recycling or reconditioning. If not available,
 puncture and dispose in a sanitary landfill.

SECTION 14 -----TRANSPORTATION INFORMATION-----

DOT non hazardous. No specified shipping or handling requirements under 49 CFR Section 172.

SECTION 15 -----REGULATORY INFORMATION-----

U.S. Federal Regulations

TSCA: All intentionally present components are listed on the TSCA inventory.
 DSL: All intentionally present components are listed on the DSL
 TSCA 5(a)2 final significant rules: No products were found.
 Cercla: Hazardous substances: No products were found.
 SARA 302/304/311/312 extremely hazardous substances: No products were found.
 SARA 302/304 emergency planning and notification: No products were found.
 Fire Hazard
 SARA 313 Form R Reporting Requirements: No products were found.
 SARA 313 Supplier Notification: No products were found.

SECTION 16 -----OTHER INFORMATION-----

Hazardous Material Information System (U.S.A.):		National Fire Protection Association (U.S.A.):	
Health	1	Health	1
Fire Hazard	0	Flammability	0
Physical Hazards	0	Reactivity	0
Personal Protection (PPE)		Specific Hazard	

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Degree of Hazard Code:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

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Validated by Product Safety Specialist

Print Date 10/1/2015

Phone Number: (801) 871-5906

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