

# MATERIAL SAFETY DATA SHEET #320



Date-Issued: 11/02/02  
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Revision No: New MSDS

## Green Thunder

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Green Thunder  
**GENERAL USE:** Automotive reconditioning product  
**PRODUCT DESCRIPTION:** Multi Purpose Cleaner  
**PRODUCT CODE:** 320  
**PRODUCT FORMULATION NAME:** Green Thunder  
**GENERIC NAME:** Multi Purpose Cleaner

#### MANUFACTURER

Southwest Auto Care ®  
Autocare™  
17054 South 54<sup>th</sup> Street  
Chandler, Arizona 85226-4118

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**INFOTRAC (U.S.):** (800) 535-5053  
**Office Phone:** (480) 705-0273  
**Emergency Phone:** (888) 846-2442

**COMMENTS:** To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200.

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Disodium Metasilicate (sodium metasilicate)	5 - 10	6834-92-0	
2-Butoxyethanol	3 - 7	111-76-2	

**COMMENTS:** Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specification.

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** CAUTION! May cause eye and skin irritation.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Substance causes substantial eye irritation.

**SKIN:** Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**INGESTION:** Irritating to mouth, throat and stomach.

**INHALATION:** Prolonged or excessive inhalation may cause respiratory tract irritation.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Eye contact may cause redness, tearing and a burning sensation.

**SKIN:** Repeated or prolonged skin contact may cause redness and irritation.

**INGESTION:** Ingestion may cause nausea and irritation.

**INHALATION:** Prolonged inhalation of vapors may cause irritation to nasal and respiratory tract.

**CHRONIC:** Not available

**MEDICAL CONDITIONS AGGRAVATED:** Dermatitis may be aggravated by excessive exposure to skin.

**ROUTES OF ENTRY:** Include skin contact, eye contact and ingestion

**TARGET ORGAN STATEMENT:** Not available

**HEALTH HAZARDS:** Moderately irritating to the eyes.

**PHYSICAL HAZARDS:** None

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#### 4. FIRST AID MEASURES

**EYES:** Flush eye with water for 15 minutes. Get medical attention.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, DO NOT induce vomiting. Give victim a glass of milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** Move to fresh air

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#### 5. FIRE FIGHTING MEASURES

**FLASHPOINT AND METHOD:** ~66°C (150°F)TCC

**FLAMMABLE LIMITS:** Not available

**GENERAL HAZARD:** None expected

**EXTINGUISHING MEDIA:** use water, foam, dry chemical or Co2 extinguisher

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Monoxide and Carbon Dioxide

**EXPLOSION HAZARDS:** None expected

**AUTOIGNITION TEMPERATURE:** Not available

**FLAMMABLE LIMIT:** Not available

**SENSITIVE TO STATIC DISCHARGE:** Not available

**SENSITIVITY TO IMPACT:** Not available

**HAZARDOUS DECOMPOSITION PRODUCTS:** Not available

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#### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain and collect with absorbent

**LARGE SPILL:** LARGE SPILLS: Shut off leak if safe to do so. Contain material to avoid run off and collect spill with absorbent.

##### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

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#### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Keep out of reach of Children.

**HANDLING:** None

**STORAGE:** Do not allow to freeze

**STORAGE TEMPERATURE:** 0°C (32°F) minimum to 6060°C (140°F) maximum

**SHELF LIFE:** Two years

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control airborne levels.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields or goggles.

**SKIN:** Use Nitrile/ Vinyl gloves

**RESPIRATORY:** NIOSH respirator - in absence of proper environmental controls.

**PROTECTIVE CLOTHING:** Clean, body-covering clothing

**OTHER USE PRECAUTIONS:** Facilities storing or utilizing this material should be equipped with an eyewash facility.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** No Odor

**APPEARANCE:** Clear Green Liquid

**pH:** >13

**SOLUBILITY IN WATER:** 100 %

**SPECIFIC GRAVITY:** ~1.06 gm/ml d25/4

**(VOC):** <10

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## 10. STABILITY AND REACTIVITY

**STABLE:** YES

**HAZARDOUS POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** None.

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## 11. TOXICOLOGICAL INFORMATION

**SENSITIZATION:** Not established

### CARCINOGENICITY:

**IARC:** Listed by IARC- NO

**NTP:** Listed by NTP- NO

**OSHA:** Listed by OSHA- NO

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## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not available

**ECOTOXICOLOGICAL INFORMATION:** Not available

**GENERAL COMMENTS:** All ingredients are considered biodegradable.

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### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with local, state, and federal laws.

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### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** NOT REGULATED

**TECHNICAL NAME:** NOT REGULATED

**PRIMARY HAZARD CLASS/DIVISION:** N/A

**OTHER SHIPPING INFORMATION:** Not dangerous material according to CFR49 regulations

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### 15. REGULATORY INFORMATION

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### 16. OTHER INFORMATION

**PREPARED BY:** Jim Kinzy

**REVISION SUMMARY** New MSDS

#### HMIS RATING

<b>HEALTH:</b>	-	<b>1</b>
<b>FLAMMABILITY:</b>		<b>0</b>
<b>REACTIVITY:</b>		<b>0</b>
<b>PERSONAL PROTECTION:</b>		

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