

Issue Date 15-Aug-2012

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Version 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name** After Strip

### Other Means of Identification

**SDS #** DCI-070

### Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Remove paint remover residue.

### Details of the Supplier of the Safety Data Sheet

#### **Supplier Address**

Dumond Chemicals, Inc.  
83 General Warren Blvd  
Suite 190  
Malvern, PA 19355

#### **Emergency Telephone Number**

**Company Phone Number** 1-609-655-7700  
**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Serious eye damage/eye irritation

Category 2A

### Signal Word

Warning

### Hazard Statements

Causes serious eye irritation



**Appearance** Colorless liquid

**Physical State** Liquid

**Odor** Sweet

### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

**Hazards Not Otherwise Classified (HNOC)**

May be harmful if swallowed

**Other Hazards**

Harmful to aquatic life with long lasting effects

Harmful to aquatic life

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Dimethyl Glutarate	1119-40-0	46
Chemical Additions	Contains 90-95% dibasic ester, which is a mixture of dimethyl glutarate (CAS# 1119-40-0) and dimethyl adipate (CAS# 627-93-0)	

**4. FIRST AID MEASURES****First Aid Measures**

<b>Inhalation</b>	Remove to fresh air. Oxygen or artificial respiration if needed. Get medical attention if necessary.
<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
<b>Ingestion</b>	If conscious give 2 glasses of water to dilute. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if necessary.
<b>Skin Contact</b>	Wash thoroughly with soap and water until no traces of the chemical remain. Remove contaminated clothing and shoes. Get medical attention if irritation occurs.

**Most Important Symptoms and Effects, both Acute and Delayed**

<b>Symptoms</b>	Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract. Contact may cause irritation and redness. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Note to Physicians</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Dry chemical, CO<sub>2</sub>, water spray or regular foam.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Vapors may form explosive mixtures with air. Decomposition may be hazardous. Cool containers exposed to flames with water until well after the fire is out. At elevated temperatures, containers may rupture. Vapors may form explosive mixture with air.

**Hazardous combustion products** Carbon monoxide.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protection recommended in Section 8. Avoid contact with eyes and skin. Remove all sources of ignition.

**Environmental Precautions** See Section 12 for additional ecological information. Do not allow into any sewer, on the ground or into any body of water.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Dike spill and collect into closable containers for disposal with an inert absorbent.

**Methods for Cleaning Up** Keep in suitable, closed containers for disposal. Wash spill area with plenty of water. Spills and releases may have to be reported to Federal and/or local authorities. See section 15.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Advice on Safe Handling** Protect container from physical damage. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use personal protective equipment as required. Wash contaminated clothing before reuse. Wash thoroughly after handling before eating, drinking, smoking, or using toilet facilities. Since empty container retains residue, follow all label warnings even after container is empty.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep away from oxidizers and incompatible materials. Keep in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong oxidizing agents. Acids. Alkali.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines****Appropriate Engineering Controls**

**Engineering Controls** For operations where contact can occur, a safety shower and an eye wash facility should be available. Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.

**Individual Protection Measures, such as Personal Protective Equipment**

<b>Eye/Face Protection</b>	Splash goggles or safety glasses.
<b>Skin and Body Protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Butyl rubber or other impervious gloves are required.
<b>Respiratory Protection</b>	None needed under normal use conditions with adequate ventilation. If the occupational exposure limits are exceeded, a NIOSH approved respirator with acid gas cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Sweet
<b>Appearance</b>	Colorless liquid	<b>Odor threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	5	
<b>Melting point/freezing point</b>	-13 °C / -9 °F	
<b>Boiling point/boiling range</b>	210-225 °C / 410-437 °F	
<b>Flash point</b>	> 104 °C / > 219 °F	Tag Closed Cup
<b>Evaporation rate</b>	<0.1	
<b>Flammability (solid, gas)</b>	Not determined	
<b>Flammability limits in air</b>		
<b>Upper flammability limits</b>	7.9% (dibasic ester)	
<b>Lower flammability limit</b>	1.2% (dibasic ester)	@ 20 C
<b>Vapor pressure</b>	0.1 mmHg	
<b>Vapor density</b>	Not determined	
<b>Specific gravity</b>	1.081	
<b>Water solubility</b>	4.2%	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition coefficient</b>	Not determined	
<b>Autoignition temperature</b>	375 °C / 707 °F	
<b>Decomposition temperature</b>	Not determined	
<b>Kinematic viscosity</b>	Not determined	
<b>Dynamic viscosity</b>	Not determined	
<b>Explosive properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	

**Other Information**

<b>VOC Content (%)</b>	0%
<b>VOC Content</b>	0 lbs/gal

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive under normal conditions

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents. Acids. Alkali.

**Hazardous Decomposition Products**

Carbon monoxide.

**11. TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure****Product Information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	Avoid contact with skin.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dimethyl Adipate 627-93-0	= 1920 mg/kg ( Rat )	-	-
Dimethyl Glutarate 1119-40-0	= 8191 mg/kg ( Rat )	-	> 5.6 mg/L ( Rat ) 4 h

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Mists and vapors cause irritation of the eyes, mucous membranes, and upper respiratory tract. Contact may cause irritation and redness. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity- Product**

Not determined

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 3322 mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Dimethyl Glutarate 1119-40-0		19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static		122.1 - 163.5: 48 h Daphnia magna mg/L EC50

**Persistence and Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined.

**Other Adverse Effects**

Not determined

### 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances

**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

**TSCA** Listed

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances IECSC*

*- China Inventory of Existing Chemical Substances KECL -*

*Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

### US Federal Regulations

#### SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

### US State Regulations

#### U.S. State Right-to-Know Regulations

### U.S. EPA Label Information

## 16. OTHER INFORMATION

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	2	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	Not determined	Not determined	Not determined	Not determined

<b>Issue Date</b>	15-Aug-2012
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<b>Revision Note</b>	New format

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**