

# MATERIAL SAFETY DATA SHEET

Product Name: PolyGone 535

Page 1 of 5

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** PolyGone 535  
**OTHER/GENERIC NAMES:** None  
**PRODUCT USE:** Stripper / Polymer Remover  
**MANUFACTURER:** RPM Technology, LLC  
P.O. Box 33186  
Reno, NV 89533-3186

INFORMATION CALL: 866-403-4842 (Monday-Friday, 9:00am - 4:30pm Pacific)  
IN CASE OF EMERGENCY CALL: 800-424-9300 (24 Hours/Day, 7 Days/Week) (CHEMTREC)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Acetate	Proprietary	Proprietary
Glycol	Proprietary	Proprietary
Proprietary additives	Proprietary	Proprietary

Trace impurities and additional material names not listed above may appear in Section 15 of this MSDS. These materials may be listed for local "Right-To-Know" compliance and for other reasons.

**OSHA Hazard Communication Standard:** This product is considered hazardous under the OSHA Hazard Communication Standard.

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** A slight yellow liquid with a sweet odor. May cause skin and eye irritation. May be harmful if swallowed or inhaled. Combustible.

### POTENTIAL HEALTH HAZARDS

**SKIN:** May cause slight to moderate irritation.

**EYES:** May cause slight to moderate irritation.

**INHALATION:** May cause dizziness and nausea.

**INGESTION:** May cause slight to moderate irritation of the gastrointestinal tract.

**DELAYED EFFECTS:** None determined.

Ingredients found on one of the three OSHA designated carcinogen lists are listed below.

<u>INGREDIENT NAME</u>	<u>NTP STATUS</u>	<u>IARC STATUS</u>	<u>OSHA LIST</u>
------------------------	-------------------	--------------------	------------------

No ingredients listed in this section.

## 4. FIRST AID MEASURES

**SKIN:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash contaminated clothing before reuse.

# MATERIAL SAFETY DATA SHEET

Product Name: PolyGone 535

Page 2 of 5

**EYES:** Immediately flush eyes with water and continue washing for several minutes. Get medical attention if irritation persists.

**INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**INGESTION:** Get medical attention immediately.

**ADVICE TO PHYSICIAN:** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

### FLAMMABLE PROPERTIES

<b>FLASH POINT:</b>	>174°F (79°C)
<b>FLASH POINT METHOD:</b>	Closed Cup
<b>AUTOIGNITION TEMPERATURE:</b>	Not determined
<b>UPPER FLAME LIMIT (volume % in air):</b>	8.1 (for acetate component)
<b>LOWER FLAME LIMIT (volume % in air):</b>	0.8 (for acetate component)
<b>FLAME PROPAGATION RATE (solids):</b>	Not applicable
<b>OSHA FLAMMABILITY CLASS:</b>	Combustible Liquid

### **EXTINGUISHING MEDIA:**

Alcohol foam, dry chemical, carbon dioxide, water spray

### **UNUSUAL FIRE AND EXPLOSION HAZARDS:**

As with any organic material, contact with strong oxidizers may cause fire or explosion.

### **SPECIAL FIRE FIGHTING PRECAUTIONS/INSTRUCTIONS:**

Wear self-contained breathing apparatus (SCBA) and full protective equipment

## 6. ACCIDENTAL RELEASE MEASURES

**IN CASE OF SPILL OR OTHER RELEASE:** (See section 8 for recommended personal protective equipment.)

Ventilate area. Remove sources of ignition. Wear appropriate personal equipment as specified in section 8. Isolate hazard area. Absorb spill with inert material (e.g. vermiculite, sand, earth or non-combustible absorbent material) and place in chemical waste container. Follow applicable Federal/State/Provincial and Local laws and regulations.

Spills and releases may have to be reported to Federal and/or local authorities. See Section 15 regarding reporting requirements.

## 7. HANDLING AND STORAGE

**NORMAL HANDLING:** (See section 8 for recommended personal protective equipment.)

Keep away from heat, sparks and flames. Keep container tightly closed when not in use. Avoid contact with skin, eyes and on clothing. Avoid breathing vapor or mist. Remove contaminated clothing and wash thoroughly after handling.

### **STORAGE RECOMMENDATIONS:**

Keep away from sources of ignition. Keep storage container tightly closed. Store in cool, dry, well-ventilated area or cabinet. Isolate from incompatibles such as corrosives, oxidizers, or strong reducing agents.

# MATERIAL SAFETY DATA SHEET

Product Name: PolyGone 535

Page 3 of 5

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Use local exhaust to keep airborne concentrations below the permissible exposure limits.

### PERSONAL PROTECTIVE EQUIPMENT

**SKIN PROTECTION:** Wear rubber gloves and protective clothing including boots, apron, or protective suit as appropriate to prevent skin exposure.

**EYE PROTECTION:** Wear appropriate safety glasses or chemical splash goggles and face shield where contact due to splashing or spraying is possible.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

**ADDITIONAL RECOMMENDATIONS:** To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

### EXPOSURE GUIDELINES

<u>INGREDIENT NAME</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMIT</u>
Glycol	100 ppm TWA - skin	-----	-----
	150 ppm STEL - skin	-----	-----

### OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:

None

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Light yellow to clear transparent liquid
<b>PHYSICAL STATE:</b>	Liquid
<b>MOLECULAR WEIGHT:</b>	Mixture
<b>CHEMICAL FORMULA:</b>	Mixture
<b>ODOR:</b>	Sweet
<b>SPECIFIC GRAVITY (water = 1.0):</b>	0.85 – 0.87 g/ml
<b>SOLUBILITY IN WATER (weight%):</b>	Slight
<b>pH:</b>	Not determined
<b>BOILING POINT:</b>	190 - 200°C (for acetate component)
<b>MELTING POINT:</b>	Not determined
<b>VAPOR PRESSURE:</b>	20°C; 0.532 mbar (for acetate component)
<b>VAPOR DENSITY (air = 1.0):</b>	5.9 (for acetate component)
<b>EVAPORATION RATE:</b>	Not determined <b>Compared to:</b> Butyl acetate
<b>% VOLATILES:</b>	Not determined
<b>FLASH POINT:</b>	>79°C

(Flash point method and additional flammability data are found in Section 5.)

## 10. STABILITY AND REACTIVITY

### NORMALLY STABLE? (CONDITIONS TO AVOID):

Stable under normal conditions of use and storage. Avoid flame or other sources of ignition and incompatibles.

# MATERIAL SAFETY DATA SHEET

Product Name: PolyGone 535

Page 4 of 5

## **INCOMPATIBILITIES:**

Strong acids, strong oxidizers, strong reducing agents.

## **HAZARDOUS DECOMPOSITION PRODUCTS:**

Burning may produce oxides of nitrogen, carbon monoxide, and carbon dioxide.

## **HAZARDOUS POLYMERIZATION:**

Polymerization will not occur.

## **11. TOXICOLOGICAL INFORMATION**

### **IMMEDIATE (ACUTE) EFFECTS:**

Acetate component:

LD<sub>50</sub> (oral-rat): >3200 mg/kg  
LC<sub>50</sub> (inhl-rat): >1100 ppm / 6 hr  
Rabbit eye / 500 mg / Mild  
Rabbit skin / 500 mg / Mild

Glycol component:

LD<sub>50</sub> (oral-rat): 5400 uL/kg  
Rabbit skin / 500 mg / Mild

### **DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:**

Data not available.

### **OTHER DATA:**

None.

## **12. ECOLOGICAL INFORMATION**

Data not available.

## **13. DISPOSAL CONSIDERATIONS**

### **RCRA**

**Is the unused product a RCRA hazardous waste if discarded?** No

**If yes, the RCRA ID number is:** Not applicable

### **OTHER DISPOSAL CONSIDERATIONS:**

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

## **14. TRANSPORTATION INFORMATION**

**US DOT HAZARD CLASS:** Not regulated

**US DOT ID NUMBER:**

**PROPER SHIPPING NAME:**

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

# MATERIAL SAFETY DATA SHEET

Product Name: PolyGone 535

Page 5 of 5

## 15. REGULATORY INFORMATION

### TOXIC SUBSTANCES CONTROL ACT (TSCA)

**TSCA INVENTORY STATUS:** All components are listed on TSCA.

**OTHER TSCA ISSUES:** None

### SARA TITLE III/CERCLA

"Reportable Quantities" (RQs) and/or "Threshold Planning Quantities" (TPQs) exist for the following ingredients.

<u>INGREDIENT NAME</u>	<u>SARA/CERCLA RQ (lb)</u>	<u>SARA EHS TPQ (lb)</u>
No ingredients listed in this section		

**Spills or releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center [(800) 424-8802] and to your Local Emergency Planning Committee.**

**SECTION 311 HAZARD CLASS:** Immediate.

### **SARA 313 TOXIC CHEMICALS:**

The following ingredients are SARA 313 "Toxic Chemicals" and may be subject to annual reporting requirements. CAS numbers and weight percents are found in Section 2.

<u>INGREDIENT NAME</u>	<u>COMMENT</u>
No ingredients listed in this section	

### STATE RIGHT-TO-KNOW

In addition to the ingredients found in Section 2, the following are listed for state right-to-know purposes.

<u>INGREDIENT NAME</u>	<u>WEIGHT %</u>	<u>COMMENT</u>
No ingredients listed in this section		

**WHMIS CLASSIFICATION (CANADA):** Not determined

### **FOREIGN CHEMICAL CONTROL INVENTORY STATUS:**

All components listed on European EINECS and Canadian DSL.

## 16. OTHER INFORMATION

CURRENT ISSUE DATE: September 2005

PREVIOUS ISSUE DATE: September 2004

OTHER INFORMATION: HMIS: 2-2-0