1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PolyGone 310-AG

OTHER/GENERIC NAMES: None

PRODUCT USE: Stripper / Polymer Remover

MANUFACTURER: RPM Technology, LLC
P.O. Box 33186
Reno, NV 89533-3186

INFORMATION CALL: 775-473-8706 (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

INGREDIENT NAME	CAS NUMBER	WEIGHT %
Dimethylacetamide	127-19-5	> 60
Gamma-Butyrolactone	96-48-0	5 - 25
Additive	Proprietary	1 - 10

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 slight ammonia odor. May cause skin and eye irritation. May be harmful if swallowed or inhaled.

POTENTIAL HEALTH HAZARDS

SKIN: May cause slight to moderate irritation. May be harmful if absorbed through the skin.

EYES: May cause slight to moderate irritation.

INHALATION: May cause dizziness and nausea.

INGESTION: May cause slight to moderate irritation of the gastrointestinal tract. May cause central nervous system effects.

DELAYED EFFECTS: Repeated or prolonged exposure may cause kidney and liver damage.

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

INGREDIENT NAME	NTP STATUS	IARC STATUS	OSHA LIST
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.

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: Do not induce vomiting. Immediately give plenty of water. Get medical attention immediately. Do not give anything by mouth to an unconscious or convulsing person.

ADVICE TO PHYSICIAN: Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT:	>160F
FLASH POINT METHOD:	Closed Cup
AUTOIGNITION TEMPERATURE:	Not determined
UPPER FLAME LIMIT (volume % in air):	11.5 @ 160°C (Dimethylacetamide)
LOWER FLAME LIMIT (volume % in air):	1.8 @ 100°C (Dimethylacetamide)
FLAME PROPAGATION RATE (solids):	Not determined
OSHA FLAMMABILITY CLASS:	Combustible Liquid

EXTINGUISHING MEDIA:
Foam, dry chemical, carbon dioxide, water spray

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Vapors can travel along surfaces to distant ignition sources and flash back. Vapors can spread along ground and collect in low confined areas. 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 absorbant material) and place in chemical waste container. Rinse spill area with water. 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 incompatible substances. Residual vapors might explode on ignition; do not apply heat, cut, drill, grind or weld on or near this container.

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 faceshield 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

INGREDIENT NAME	ACGIH TLV	OSHA PEL	OTHER LIMIT
Dimethylacetamide	10 ppm TWA (skin)	10 ppm TWA (skin)	- - - -

OTHER EXPOSURE LIMITS FOR POTENTIAL DECOMPOSITION PRODUCTS:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Transparent
PHYSICAL STATE:	Liquid
MOLECULAR WEIGHT:	Mixture
CHEMICAL FORMULA:	Mixture
ODOR:	Slight ammonia
SPECIFIC GRAVITY (water = 1.0):	.93 - 1.03 @ 68ºF
SOLUBILITY IN WATER (weight%):	Completely Soluble
pH:	Not determined
BOILING POINT:	329ºF
MELTING POINT:	-4ºF

VAPOR PRESSURE: 3.5 @ 77ºF
VAPOR DENSITY (air = 1.0): 2.50
EVAPORATION RATE: 0.17 **Compared to:** Butyl acetate
% VOLATILES: Not determined
FLASH POINT: >160F
(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 incompatiblies.

INCOMPATIBILITIES:
Strong acids, strong oxidizers, strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:
Burning may produce nitrogen oxides, carbon monoxide, carbon dioxide and dimethylamine

HAZARDOUS POLYMERIZATION:
Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

IMMEDIATE (ACUTE) EFFECTS:
Dimethylacetamide:
LD50 (oral-rat): 4300 mg/kg
LD50 (dermal-rabbit): 2240 mg/kg
LC50 (inhl-rat): 8.81 mg/L / 1 hr

DELAYED (SUBCHRONIC AND CHRONIC) EFFECTS:
Data not available.

OTHER DATA:
Reproductive effects have been reported in laboratory animals.

12. ECOLOGICAL INFORMATION

LC50 (fathead minnow): 1.50 g/L / 96 hr

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 Department of Transportation (49 CFR): Not regulated in containers less than 119 gallons.

IATA Dangerous Goods Regulations: Not Regulated

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

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.

INGREDIENT NAME	SARA/CERCLA RQ (lb)	SARA EHS TPQ (lb)
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. Chronic. Fire.

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

INGREDIENT NAME	COMMENT
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.

INGREDIENT NAME	WEIGHT %	COMMENT
No ingredients listed in this section		

WHMIS CLASSIFICATION (CANADA): B3, D2B

FOREIGN CHEMICAL CONTROL INVENTORY STATUS:
All components listed on European EINECS. One or more components listed on Canadian NDSL.

16. OTHER INFORMATION

The storage life of PolyGone 310-AG is one (1) year from package date when stored at temperatures below 80°F (27°C) in original unopened containers.

CURRENT ISSUE DATE: October 2009
PREVIOUS ISSUE DATE: N/A

OTHER INFORMATION: HMIS: 2-2-0
NFPA: 2-2-0