



HMIS	Health Hazard	1
	Flammability	0
	Stability	0

0 = Least
1 = Slight
2 = Mild
3 = Moderate
4 = High

Material Safety Data Sheet

Revision Date 19-Aug-2013

Revision Number 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product name CITRONELLA POLYMER
AB066837

Manufactured by HYSO LLC
430 Gotham Parkway
Carlstadt
New Jersey 07072
201-635-9555

Emergency telephone number CHEMTREC: 1-800-424-9300 for US/ 703-527-3887 outside US (collect)

Chemical Family Proprietary Mixture

INCI Name Not applicable

2. HAZARDS IDENTIFICATION

Emergency Overview

Potential health effects

Acute toxicity

Harmful if swallowed

Chronic effects

No known effect

Aggravated Medical Conditions May cause allergic reaction in individuals already sensitized.

Environmental hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The identity of the individual components of this mixture is proprietary information and is regarded to be a TRADE SECRET. In accordance with 29 CFR 1910.1200 we have to assume that the mixture presents the same health hazards as the individual components when they are present at greater than 1% concentration.

4. FIRST AID MEASURES

Eye contact	Rinse thoroughly with copious amounts of water for at least 15 minutes. Consult a physician if irritation persists.
Skin contact	Wash off immediately with soap and plenty of water.
Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention.
Ingestion	Clean mouth with water. Get medical attention.

5. FIRE-FIGHTING MEASURES

Flash point Method	> 93 °C / > 200 °F closed cup
Suitable extinguishing media	Carbon dioxide (CO ₂). Dry chemical. Foam. Water spray or fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.
Hazardous combustion products	Carbon monoxide, Carbon dioxide (CO ₂).
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	Ensure adequate ventilation, especially in confined areas. Do not eat, drink or smoke when using this product.
Methods for containment	Spills and leaks are not likely.
Methods for cleaning up	Sweep up and shovel into suitable containers for disposal.
Environmental precautions	Should not be released into the environment.

7. HANDLING AND STORAGE

Handling	Ensure adequate ventilation. When using, do not eat, drink or smoke.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition. Metal containers must be lined.

8. Exposure controls/personal protection

Engineering measures	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye/face protection	Safety glasses with side-shields If splashes are likely to occur, wear: Goggles Face-shield
Skin and body protection	Lightweight protective clothing. Protective gloves.
Respiratory protection	None required under normal usage. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor	characteristic.	Physical state	Solid
Color	No information available	pH	No information available
Flash point	> 200 °F / > 93 °C	Autoignition temperature	No information available
Decomposition temperature	No information available	Boiling point / boiling range	No information available
Melting point/range	No information available	Flammability Limits in Air	No information available
Explosion limits	No information available	Solubility	No information available
Specific Gravity	No information available	Vapor pressure	0.05 mmHg calculated
Evaporation rate	No information available	VOC Content (%)	no data available
Vapor density	no data available		
Viscosity	Solid polymer		

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Incompatible products	Strong oxidizing agents. Concentrated acids and bases.
Conditions to avoid	Heat, flames and sparks. Extremes of temperature and direct sunlight. Exposure to air or moisture over prolonged periods.
Hazardous Decomposition Products	Under conditions giving incomplete combustion, hazardous gases produced may consist of Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke)
Hazardous polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
LD50 Oral	3969 mg/kg; (calculated)
LD50 Dermal	2068 mg/kg; (calculated)
LC50 Inhalation	not determined
Chronic toxicity	None under normal use conditions.
Carcinogenicity	. Material does not exist on any known list of carcinogens such as NTP, IARC or by OSHA, nor does it contain any carcinogens found in these lists >0.1%.

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

Target Organ Effects	None under normal use conditions
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12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods This material, as supplied, is not a hazardous waste. Disposal can only occur in properly permitted facilities in compliance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA/ICAO Not regulated
Environmental hazard no

IMDG/IMO Not regulated
Environmental hazard no

ADR/RID Not regulated
Environmental hazard no

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

International Regulations

Mexico - Grade No information available

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
not determined

16. OTHER INFORMATION

Prepared By HYSO LLC
430 Gotham Parkway
Carlstadt, NJ 07072

Revision Date 19-Aug-2013

Revision Note
No information available

Disclaimer
The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

This form is regarded to be in compliance with 29CFR 1910.1200

End of Safety Data Sheet