



---

#### 4. FIRST AID MEASURES

##### FIRST AID

##### Eye Contact:

In case of contact, immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

##### Skin Contact:

Wash with water.

##### Inhalation:

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.

##### Ingestion:

INDUCE VOMITING.

---

#### 5. FIRE FIGHTING MEASURES

Flash Point: Not Determined

Flash Point Method: Not determined

Lower Explosive Limit: Not determined

Upper Explosive Limit: Not determined

OSHA Flammability Classification: None

Autoignition Temperature: Not Determined

##### Other Flammable Properties:

Dusts at sufficient concentrations can form explosive mixtures with air.

##### Extinguishing Media:

Use water spray or fog, foam, dry chemical or CO2.

##### Fire Fighting Procedures:

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

---

#### 6. ACCIDENTAL RELEASE MEASURES

##### Steps To Be Taken In Case Material Is Released Or Spilled:

Collect material and place in a disposal container. Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

---

## 7. HANDLING AND STORAGE

### Handling:

Use with adequate ventilation. Minimize dust generation and accumulation. May form flammable dust-air mixtures. Avoid breathing dust or fumes.

### Storage:

Store in a cool, dry place. Keep container closed when not in use.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

This product does not contain any components considered to be health hazards under the OSHA Hazard Communication Standard 29 CFR 1910.1200 or under the WHMIS Controlled Product Regulations in Canada.

### Other Exposure Limit Information:

#### Exposure Limits for Dust:

#### Particulates Not Otherwise Classified:

##### Inhalable particulate -

Value	Limit	Ref.
10 mg/m <sup>3</sup>	TWA/TLV	ACGIH

##### Respirable particulate -

3 mg/m <sup>3</sup>	TWA/TLV	ACGIH
---------------------	---------	-------

#### Particulates Not Otherwise Regulated:

##### Total particulate -

15 mg/m <sup>3</sup>	TWA/PEL	OSHA
----------------------	---------	------

##### Respirable particulate -

5 mg/m <sup>3</sup>	TWA/PEL	OSHA
---------------------	---------	------

### Engineering Controls:

If use operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### 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.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

Eye Protection:

Wear safety glasses with side shields.

Skin Protection:

Use impermeable gloves.

Other Protective Equipment:

A safety shower and eye wash fountain should be readily available. 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.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure : Not available  
Vapor Density (Air = 1) : Not applicable  
Specific Gravity : Not applicable  
Boiling Point : Not available  
Melting Point : 105-120°C 221-248°F  
pH : 7-8  
Bulk Density : 300-400 kg/m<sup>3</sup>  
Evaporation Rate : Not applicable  
Solubility In Water : Insoluble

Other Properties:

Powder. Flakes. Odorless.

---

10. STABILITY AND REACTIVITY

Stability:

This product is stable under normal storage conditions.

Hazardous Polymerization:

Will not occur under normal conditions.

Incompatibility With Other Materials:

Reacts with: Oxidizing materials. Acids. Alkalies.

Hazardous Decomposition Products:

Carbon monoxide. Carbon dioxide.

---

11. TOXICOLOGICAL INFORMATION

No product or component toxicological information available

---

12. ECOLOGICAL INFORMATION

No product ecological data available

---

13. DISPOSAL CONSIDERATIONS

Disposal Method:

Waste must be disposed of in accordance with federal, state, provincial and local regulations.

---

14. TRANSPORT INFORMATION

U.S. DOT Transport Information

Not regulated

---

15. REGULATORY INFORMATION

This product contains the following non-hazardous components:

	CAS Number	Wt. %
Butylated reaction product of p-cresol and dicyclopentadiene	068610-51-5	100

U.S. Federal Regulations

OSHA:

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

Clean Air Act Section 112:

This product contains the following components present at or above the OSHA de minimus level and listed as Hazardous Air Pollutants:

None

This product contains the following components present at or above the OSHA de minimus level and listed as Extremely Hazardous Air Pollutants:

None

-----  
15. REGULATORY INFORMATION (CONTINUED)

SARA Section 302:

This product contains the following components listed as Extremely Hazardous Substances:

None

SARA Section 311/312:

Hazard Classifications:

This product contains a component which has an ACGIH and/or OSHA TLV and may be considered reportable under SARA section 312 as a hazardous component. The hazard is related to inhalation of the material as a dust, and therefore does not apply to this product.

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

TSCA:

This product or its components are listed in or exempt from the TSCA inventory requirements.

This product contains the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:

None

State Regulations

New Jersey:

This product contains the following non-hazardous components subject to disclosure under New Jersey Right-To-Know legislation:

Butylated reaction product of p-cresol  
and dicyclopentadiene

CAS Number  
068610-51-5

Pennsylvania:

This product contains the following non-hazardous components subject to disclosure under Pennsylvania Right-To-Know legislation:

Butylated reaction product of p-cresol  
and dicyclopentadiene

CAS Number  
068610-51-5

California (Proposition 65):

This product contains the following substances known to the State of

---

15. REGULATORY INFORMATION (CONTINUED)

California to cause cancer:

None

This product contains the following substances known to the State of California to cause adverse reproductive effects:

None

International Regulations

Summary of International Chemical Inventory Status

Canada	On inventory
Europe	On inventory
South Korea	On inventory
Australia	On inventory

---

16. OTHER INFORMATION

HMIS Ratings: Health - 0 Flammability - N Reactivity - 0

Ratings Key: 4 = Highest hazard, 0 = Lowest hazard,  
\* = Chronic health hazard, N = No rating for powders

NFPA Ratings: Health - 0 Flammability - N Reactivity - 0

Ratings Key: 4 = Highest hazard, 0 = Lowest hazard, N = No rating for powders

Key to abbreviations used:

NA Not applicable

NAV Not available

NE Not established

NJT SR No. New Jersey Trade Secret Registry Number

® Registered Trademark.

TM Trademark.

Revision Summary:

This is the first issue of this MSDS in the ANSI Z400.1 format.

---

The information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of DEGUSSA Corp./CREANOVA Inc.'s knowledge or obtained from sources believed by DEGUSSA Corp./CREANOVA Inc. to be accurate and DEGUSSA Corp./CREANOVA Inc. does not assume any legal responsibility for use or reliance on same. Customers are encouraged to conduct their own tests. Before using any product, read its label.