



Material Safety Data Sheet

ALBRITE 300

Date Prepared: 5/28/09

Supersedes Date: 8/11/06

1. PRODUCT AND COMPANY IDENTIFICATION

RHODIA INC.
RHODIA NOVECARE
CN7500
8 Cedar Brook Drive
Cranbury NJ 08512-7500

Emergency Phone Numbers:

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC (800-424-9300 within the United States or 703-527-3887 for international collect calls) or Rhodia CAERS (Communication and Emergency Response System) at 800-916-3232.

For Product Information:

(888) 776-7337

Chemical Name or Synonym:

NEUTRALIZED PHOSPHONOCARBOXYLIC ACIDS

Molecular Formula:

Not Available

2. HAZARDS IDENTIFICATION

A. EMERGENCY OVERVIEW:

Physical Appearance and Odor:

white powder solid, practically odorless.

Warning Statements:

WARNING!! MAY CAUSE ALLERGIC SKIN REACTION. DUSTS MAY FORM EXPLOSIVE MIXTURES IN AIR.

B. POTENTIAL HEALTH EFFECTS:

Acute Eye:

Not expected to cause significant irritation to the eyes. May cause redness, tearing.

Acute Skin:

Not expected to cause significant irritation to the skin. May cause redness, inflammation, rash, sensitization.

Acute Inhalation:

Not expected to cause significant irritation to the lungs, upper respiratory tract or nose. May cause coughing, shortness of breath, a burning sensation.

Acute Ingestion:

Low acute oral toxicity. Not expected to cause significant irritation of the digestive tract. May cause nausea, vomiting.

Chronic Effects:

This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Reg Number	OSHA Hazard	% WT/WT
PHOSPHONIC ACID, REACTION PRODUCTS WITH MALEIC ANHYDRIDE, SODIUM SALTS	180513-31-9	N	~ 100

4. FIRST AID MEASURES**FIRST AID MEASURES FOR ACCIDENTAL:****Eye Exposure:**

Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek medical attention if irritation develops or persists or if visual changes occur.

Skin Exposure:

In case of contact, immediately wash with plenty of soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

Inhalation:

If respiratory irritation or distress occurs remove victim to fresh air. Seek medical attention if respiratory irritation or distress continues.

Ingestion:

Do not induce vomiting, unless directed to do so by a physician. If victim is conscious and alert, wash out mouth with water and keep at rest. Do not leave victim unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay victim on side. Seek medical attention.

MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate existing skin disease.

NOTES TO PHYSICIAN:

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Treat symptomatically. No specific antidote available.

5. FIRE FIGHTING MEASURES

FIRE HAZARD DATA:

Flash Point:
Not Applicable

Extinguishing Media:
Recommended: dry chemical, alcohol foam, water fog, carbon dioxide.

Special Fire Fighting Procedures:
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind; keep out of low areas. Cool closed containers exposed to fire with water.

Unusual Fire and Explosion Hazards:
Product will burn under fire conditions. Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard.

Hazardous Decomposition Materials (Under Fire Conditions):
oxides of phosphorus
oxides of carbon

Autoignition Temperature:
~ 362 C (684 F)

6. ACCIDENTAL RELEASE MEASURES

Evacuation Procedures and Safety:
Personnel handling this material should be thoroughly trained to handle spills and releases. Wear appropriate protective gear for the situation. See Personal Protection information in Section 8.

Containment of Spill:
Dike or retain dilution water or water from firefighting for later disposal. Collect and contain contaminated absorbent and dike material for disposal.

Cleanup and Disposal of Spill:
Shovel up into an appropriate closed container (see Section 7: Handling and Storage). Avoid creation of dusty conditions. Use non-sparking tools. Clean up residual material by washing area with water. Collect washings for disposal.

Environmental and Regulatory Reporting:
Do not flush to drain. Runoff from fire control or dilution water may cause pollution. Prevent material from entering public sewer system or any waterways. Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

7. HANDLING AND STORAGE

Minimum/Maximum Storage Temperatures:
5 to 40 C (41 to 104 F)

Handling:

Personnel handling this product should be thoroughly trained as to its hazards. Avoid breathing dusts or vapors. Avoid direct or prolonged contact with skin and eyes. Use nonsparking tools and grounded/bonded equipment and containers when transferring.

**** HAZARD WARNING:** If this product is used in combination with Trimethylolpropane, Trimethylolpropane derived products or their corresponding Trimethylol alkane homologs, THERE IS A POSSIBILITY that bicyclic phosphates and/or phosphites may be produced as a result of thermal decomposition. Bicyclic phosphates and phosphites have acute neurotoxic properties and may cause convulsive seizures in laboratory test animals. Therefore, this product should not be used in conjunction with Trimethylolpropane or Trimethylolpropane derived products unless tested to determine their decomposition toxicity. Follow all precautionary measures outlined in this Material Safety Data Sheet and/or contact Rhodia Inc. THIS PRODUCT MAY PRESENT A DUST EXPLOSION HAZARD. It is recommended that all dust control equipment and material transport systems involved in handling of this product contain explosion relief vents or explosion suppression system or an oxygen deficient environment. In addition, all conductive elements of the system that contact this material should be electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment.

Storage:

Store in an area that is clean, cool, dry, well-ventilated, away from ignition sources, away from incompatible materials (see Section 10. Stability and Reactivity).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Introductory Remarks:

These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. While developing safe handling procedures, do not overlook the need to clean equipment and piping systems for maintenance and repairs. Waste resulting from these procedures should be handled in accordance with Section 13: Disposal Considerations.

Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

Exposure Guidelines:

Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements. The following limits apply to this material, where, if indicated, S=skin and C=ceiling limit:

PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION

OSHA	Notes	TWA	STEL
		5 mg/cu m	

PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST

OSHA	Notes	TWA	STEL
		15 mg/cu m	

Engineering Controls:

Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures.

Respiratory Protection:

When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

Eye/Face Protection:

Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash must be readily accessible to the work area.

Skin Protection:

Skin contact should be prevented through use of suitable protective clothing, gloves and footwear, selected with regard for use conditions and exposure potential. Consideration must be given both to durability as well as permeation resistance.

Work Practice Controls:

Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product Information phone number in Section 1 for its exact specifications.

Physical Appearance:

white powder solid.

Odor:

practically odorless.

pH:

11 at 5 wt/wt%.

Specific Gravity:

1.4 at 25 C (77 F).

Density:

1.4 g/ml at 25 C (77 F).

Water Solubility:

soluble 70 wt/wt% at 20 C (68 F).

Melting Point Range:

~ 367 C (693 F)

Boiling Point Range:

Not Available

Vapor Pressure:

< 0.01 mmHg at 25 C (77 F)

Vapor Density:
Not Available

10. STABILITY AND REACTIVITY

Chemical Stability:

This material is stable under normal handling and storage conditions described in Section 7.

Conditions To Be Avoided:

heat

See HAZARD WARNING under HANDLING : in Section 7.

Materials/Chemicals To Be Avoided:

strong mineral acids

The Following Hazardous Decomposition Products Might Be Expected:

Decomposition Type: thermal

oxides of phosphorus

oxides of carbon

Acids of phosphorus

Hazardous Polymerization Will Not Occur.

Avoid The Following To Inhibit Hazardous Polymerization:

not applicable

11. TOXICOLOGICAL INFORMATION

Acute Eye Irritation:

Toxicological Information and Interpretation:

eye - eye irritation, **. This material is not expected to cause significant irritation to the eyes.

Acute Skin Irritation:

Toxicological Information and Interpretation:

skin - sensitization, guinea pig. Sensitizing.

skin - skin irritation, **. This material is not expected to cause significant irritation to the skin.

Acute Dermal Toxicity:

Toxicological Information and Interpretation:

LD50 - lethal dose 50% of test species, > 2000 mg/kg, rat.

Acute Respiratory Irritation:

No test data found for product.

Acute Inhalation Toxicity:

No test data found for product.

Acute Oral Toxicity:

Toxicological Information and Interpretation:

LD50 - lethal dose 50% of test species, > 2000 mg/kg, rat.

Chronic Toxicity:

This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

Toxicological Information and Interpretation - MUTAGENICITY, **: Ames Test: Negative. - MUTAGENICITY, **: Mouse micronucleus (in vivo): Negative. - MUTAGENICITY, **: Unscheduled DNA synthesis assay: Negative. - SUB-CHRONIC EXPOSURE, rat. (For 28 days.) No significant adverse effects were observed.

12. ECOLOGICAL INFORMATION

Ecotoxicological Information:

Not expected to cause significant adverse environmental impact if product reaches waterways.

Ecotoxicological Information and Interpretation:

LC50 - lethal concentration 50% of test species, > 100 mg/l/96 hr, fish.

EC50 - effective concentration 50% of test species, 5 mg/l/48 hr, Daphnia magna.

EC50 - effective concentration 50% of test species, > 100 mg/l/72 hr, algae.

Chemical Fate Information:

Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

EPA Hazardous Waste - NO

14. TRANSPORT INFORMATION

Transportation Status: IMPORTANT! Statements below provide additional data on listed transport classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

US DOT:

Hazard Class..... 8

Shipping Name:

CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.

Technical Shipping Name:

(NEUTRALIZED PHOSPHONOCARBOXYLIC ACIDS)

ID Number..... UN3263

Packing Group.... III

Labels..... CORROSIVE

Emergency Guide #.... 154

TDG:

Hazard Class..... 8

Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.

Technical Shipping Name: (NEUTRALIZED PHOSPHONOCARBOXYLIC ACIDS)

ID Number..... UN3263

Packing Group.... III

IMO:

Hazard Class..... 8

Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.

Technical Shipping Name: (NEUTRALIZED PHOSPHONOCARBOXYLIC ACIDS)

ID Number..... UN3263

Packing Group.... III

IATA:

Hazard Class..... 8

Shipping Name: CORROSIVE SOLID, BASIC, ORGANIC, N.O.S.

Technical Shipping Name: (NEUTRALIZED PHOSPHONOCARBOXYLIC ACIDS)

ID Number..... UN3263

Packing Group.... III

15. REGULATORY INFORMATION

Inventory Status

Inventory	Status
UNITED STATES (TSCA)	Y
CANADA (DSL)	Y
EUROPE (EINECS/ELINCS)	Y
AUSTRALIA (AICS)	Y
JAPAN (MITI)	Y
SOUTH KOREA (KECL)	Y

Y = All ingredients are on the inventory.

E = All ingredients are on the inventory or exempt from listing.

P = One or more ingredients fall under the polymer exemption or are on the no longer polymer list. All other ingredients are on the inventory or exempt from listing.

N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing.

FEDERAL REGULATIONS**Inventory Issues:**

All functional components of this product are listed on the TSCA Inventory.

SARA Title III Hazard Classes:

Fire Hazard	- NO
Reactive Hazard	- NO
Release of Pressure	- NO
Acute Health Hazard	- YES
Chronic Health Hazard	- NO

STATE REGULATIONS:

This product does not contain any components that are regulated under California Proposition 65.

16. OTHER INFORMATION

National Fire Protection Association Hazard Ratings--NFPA(R):

- 1 Health Hazard Rating--Slight
- 0 Flammability Rating--Minimal
- 0 Instability Rating--Minimal

National Paint & Coating Hazardous Materials Identification System--HMIS(R):

- 1 Health Hazard Rating--Slight
- 0 Flammability Rating--Minimal
- 0 Reactivity Rating--Minimal

Reason for Revisions:

Change and/or addition made to Warning Statements in Section 3, Section 4, Section 5, Section 6, Section 7, Exposure Limits in Section 8, Section 11, Section 12, Regulatory Review and Update.

Key Legend Information:

ACGIH - American Conference of Governmental Industrial Hygienists
OSHA - Occupational Safety and Health Administration
TLV - Threshold Limit Value
PEL - Permissible Exposure Limit
TWA - Time Weighted Average
STEL - Short Term Exposure Limit
NTP - National Toxicology Program
IARC - International Agency for Research on Cancer
ND - Not determined
RHODIA - Rhodia Established Exposure Limits

Disclaimer:

The information herein is given in good faith but no warranty, expressed or implied, is made.

**** End of MSDS Document ****

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