

Material Safety Data Sheet

Trade name: Cublen D 3217

Date: October 23, 2007

1. Chemical Product and Company Identification

Product use: Formulation additive

Trade name: Cublen D 3217

Supplied in the USA by Zschimmer & Schwarz Inc.
70 – GA HWY 22 W,
Milledgeville, GA, 31061.
Tel: (478) 454 – 1942
Fax: (478) 453 – 8854

Emergency # **CHEMTREC: 1-800-424-9300**

2. OSHA Composition / information on ingredients

Chemical Characterization: Aqueous solution of a salt of an aminophosphonic acid

CAS Number	Chemical Description	Quantity (%)

3. Hazards identification / Effects of overexposure

Irritant. May cause irritation to eyes, skin and respiratory track. May be harmful if swallowed.

HMIS Rating: Health: 1; Flammability: 0 Instability / Reactivity: 0; PPE: X

4. First aid measures

EYES: Flush with copious amounts of running water. Get medical attention.

SKIN: Wash affected area with soap and water.

INGESTION: Induce vomiting and get medical attention.

5. Fire fighting procedures

Flash point: N/A

Flammability limits: *Lel:* N/D. *Uel:* N/D

Suitable extinguishing media:

water; alcohol-resistant foam; dry powder; CO2

Special protective equipment for firefighters: wear fully protective suit and mount respiratory protective device.

Unusual fire & explosion Hazards:

None Known.

Products of combustion:

phosphine, nitrogen oxide and carbon oxides

6. Accidental release measures

Personal precautions:

Wear protective clothing. Avoid breathing vapors.

Environmental precautions

Dilute with plenty of water. Use neutralizing agent. Do not discharge into the drains/surface water/ground water.

Methods for cleaning up/taking up

Use neutralizing agent. Take up with absorbent material (e.g. general-purpose binder). Rinse away small quantities of products with a lot of water.

7. Handling and storage

Advice on safe handling

No special measures necessary

Advice on protection against fire and explosion

No special measures necessary

Requirements for storage rooms and vessels

Store in cool, dry conditions in tightly sealed containers.

8. Exposure controls / personal protection

General protective measures / hygiene measures:

Observe the usual precautions when handling chemicals.

Hand protection:

Use impervious gloves

Eye protection:

Safety glasses with side shields

Skin protection:

Protective clothing

Ventilation:

recommended

Local Exhaust:

recommended.

Other Protective Equipment:

Eye-wash station

9. Physical and chemical properties

Form:	Liquid	Freezing Point	N/D
Color:	clear, Brown/Amber	Boiling point	~ 100 °C
Odor:	Characterisitic	Specific Gravity	1.31 – 1.33
Vapor pressure:	N/D	Solubility in water:	miscible
Vapor Density:	N/D	pH value @1% 20 °C	7.0 – 8.0
Evaporation rate	N/D		
Flash point:	N/A	Viscosity:	N/D

10. Stability and reactivity

Chemical stability: Product is stable under ordinary conditions of use and storage.
Conditions to avoid: None known.
Incompatibility: None known
Hazardous decomposition products: CO, hydrogen phosphide, nitrogen oxides (upon combustion)
Hazardous polymerization: Will not occur.

11. Toxicological information

This product has not been evaluated.

12. Ecological information

This product has not been evaluated.

13. Disposal considerations

Dispose off in accordance with all applicable Federal, State, provincial and local regulations

14. Transport information

Not regulated.

15. Regulatory information

TSCA Status: All the components in this material are listed under TSCA inventory.

16. Additional information

Prepared by: Zschimmer & Schwarz Inc., 70 – GA Hwy 22 W, Milledgeville, GA, 31061.

This information is based on our present state of knowledge. It should not be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Existing acts and regulations must be observed by the recipient of our products under their own responsibility.