

POZZUTEC 20+ ADMIXTURE 100% ACTIVE

Version 2.8

06/28/2006

1. PRODUCT AND COMPANY INFORMATION

Company	:	BASF Corporation 23700 Chagrin Blvd BEACHWOOD, OH 44122
Telephone	:	216-839-7500
Emergency telephone number	:	(800) 424-9300 (703) 527-3887 (Outside Continental US)
Product name	:	POZZUTEC 20+ ADMIXTURE 100% ACTIVE
MSDS ID No.	:	11315
TSCA Inventory	:	All components of this product are included, or are exempt from inclusion, in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
Canadian DSL	:	All components of this product are included, or are exempt from inclusion, in the Canadian Domestic Substance List (DSL).

2. HAZARDOUS INGREDIENTS

<u>Chemical</u>	<u>CAS No.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CEIL</u>	<u>Weight %</u>
CALCIUM NITRATE	13477-34-4		N.E.	N.E.	N.E.	30.00 - 60.00 %
SODIUM THIOCYANATE	540-72-7	N.E.	N.E.	N.E.	N.E.	1.00 - 5.00 %

3. HAZARDS IDENTIFICATION

HMIS [®] Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	1	0	0

WHMIS Class	:	D2B
Primary Routes of Entry	:	Eye contact Skin contact Inhalation

Effects of Overexposure

Inhalation	:	Vapors can be irritating to respiratory tract and mucous membranes.
Skin	:	Can cause slight to moderate irritation. Prolonged or repeated skin contact tends to remove skin oils possibly leading to irritation and dermatitis.
Eyes	:	Can cause slight to moderate transient irritation, redness, tearing and blurred vision.
Ingestion	:	No hazard anticipated in normal industrial use. Intake can cause gastrointestinal irritation, nausea, and vomiting.

POZZUTEC 20+ ADMIXTURE 100% ACTIVE

Version 2.8

06/28/2006

Chronic exposure : No known information available.

Carcinogenicity

	ACGIH	IARC	NTP	OSHA
CALCIUM NITRATE	N.E.	N.E.	N.E.	N.E.
SODIUM THIOCYANATE	N.E.	N.E.	N.E.	N.E.

4. FIRST AID MEASURES

- Eye contact : Flush eyes with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
- Skin contact : Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
- Ingestion : Do not induce vomiting without medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.
- Inhalation : Remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. Seek immediate medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point : does not flash
- Autoignition temperature : not applicable
- Lower explosion limit : not applicable
- Upper explosion limit : not applicable
- Suitable extinguishing media : Use extinguishing agent suitable for type of surrounding fire. Keep containers and surroundings cool with water spray.
- Fire and Explosion Hazards : Containers can build up pressure if exposed to heat (fire). Cool closed containers exposed to fire with water spray.
- Special Fire-fighting Procedures : As in any fire, wear pressure demand self-contained breathing apparatus (NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

- Methods for cleaning up : Wear appropriate protective equipment (refer to section 8). Take action to eliminate source of leak; prevent from entry into open streams or sewers; contain spill by diking; vacuum up liquid or use absorbent media; remove to storage for disposal and rinse residual stain with water.

7. HANDLING AND STORAGE

POZZUTEC 20+ ADMIXTURE 100% ACTIVE

Version 2.8

06/28/2006

- Handling : Keep out of reach of children. For personal protection see section 8.
- Storage : Keep tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection : Wear as appropriate:
safety glasses with side-shields
goggles
face-shield
- Hand protection : Wear as appropriate:
impervious gloves
- Body Protection : Wear as appropriate:
impervious clothing
preventive skin protection
- Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use NIOSH approved respirators.
- Hygienic Practices : Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practice.
- Engineering Controls : Local exhaust ventilation can be necessary to control any air contaminants to within their TLVs during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Color : brown
- Physical State : liquid
- Odor : slight
- pH : 3.5 - 6.5
- Odor Threshold : no data available
- Vapor Pressure : no data available
- Vapor Density : Heavier than air
- Boiling point/range : 221 °F (105 °C)
- Freeze Point : -29 °F (-34 °C)
- Water solubility : completely soluble

POZZUTEC 20+ ADMIXTURE 100% ACTIVE

Version 2.8

06/28/2006

Specific Gravity : 1.35
 Viscosity : no data available
 Evaporation rate : no data available
 Partition coefficient (n-octanol/water) : no data available
 VOC Concentration as applied (less water and exempt solvents) : Note: no data available

10. STABILITY AND REACTIVITY

Stability : Stable under recommended storage conditions.
 Conditions to avoid : Prolonged exposure to high temperatures
 Materials to avoid : Strong mineral acids, oxidizing agents, strong bases and nitrites.
 Hazardous decomposition products : Oxides of carbon
 Oxides of sulfur
 nitrogen oxides (NOx)
 Hazardous polymerization : Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>	<u>Exposure time</u>
	LC50	no data available		
<u>Component</u>				
CALCIUM NITRATE	LC50	no data available		
SODIUM THIOCYANATE	LC50	no data available		

Acute oral toxicity

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Oral)	no data available	
<u>Component</u>			
CALCIUM NITRATE	LD50 (Oral)	20,000 mg/kg	
SODIUM THIOCYANATE	LD50 (Oral)	no data available	

POZZUTEC 20+ ADMIXTURE 100% ACTIVE

Version 2.8

06/28/2006

Acute dermal toxicity

	<u>Type</u>	<u>Value</u>	<u>Species</u>
<u>Product</u>	LD50 (Dermal)	no data available	
<u>Component</u>			
CALCIUM NITRATE	LD50 (Dermal)	13,000 mg/kg	
SODIUM THIOCYANATE	LD50 (Dermal)	no data available	

12. ECOLOGICAL INFORMATION

Ecotoxicological Information : There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

Recommendations: Use excess product in an alternate beneficial application. Handle disposal of waste material in manner which complies with local, state, province and federal regulation.

14. TRANSPORT INFORMATION

DOT	: Proper shipping name	Not regulated
IATA	: Proper shipping name	Not regulated

15. REGULATORY INFORMATION

SARA 311/312 (RTK)

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE (ACUTE) HEALTH HAZARD

SARA 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:

<u>Weight %</u>	<u>CAS No.</u>	<u>Chemical Name</u>
30.00 - 60.00 %	13477-34-4	CALCIUM NITRATE

CERCLA

CERCLA section 103(a) specifically requires the person in charge of a vessel or facility to report immediately to the National Response Center (NRC) a release of a hazardous substance whose amount equals or exceeds the assigned RQ. The following hazardous substances are contained in this product.

