

**PS-1466**

Version 1.4

11/05/2007

**1. PRODUCT AND COMPANY INFORMATION**

Company : **BASF Construction Chemicals, LLC**  
 Admixture Systems  
 23700 Chagrin Blvd  
 BEACHWOOD, OH 44122

Telephone : 216-839-8000

Emergency telephone number : BASF ER HOTLINE: 800-832-4357  
 CHEMTREC: 800-424-9300  
 CHEMTREC (Outside Continental US): 703-527-3887

Product name : PS-1466

MSDS ID No. : 11695

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>
OLEYL DIETHANOLAMIDE	13127-82-7		N.E.	N.E.	N.E.	1.00 - 5.00 %
ACETIC ACID	64-19-7	10 ppm	15 ppm	10 ppm	N.E.	1.00 - 5.00 %
ETHYLENEDIAMINE	107-15-3	10 ppm	N.E.	10 ppm	N.E.	5.00 - 10.00 %

**3. HAZARDS IDENTIFICATION**

HMIS® Rating : HEALTH 1 FLAMMABILITY 0 PHYSICAL HAZARD 0

WHMIS Class : D2B

Primary Routes of Entry : Inhalation  
 Eye contact  
 Skin contact

**Effects of Overexposure**

Inhalation : Can cause slight irritation.

Skin : Can cause slight irritation.

Eyes : Can cause slight irritation.

Ingestion : Can cause slight irritation.

Chronic exposure : No known information available.

**PS-1466**

Version 1.4

11/05/2007

**Carcinogenicity**

	ACGIH	IARC	NTP	OSHA
OLEYL DIETHANOLAMIDE	N.E.	N.E.	N.E.	N.E.
ACETIC ACID	N.E.	N.E.	N.E.	N.E.
ETHYLENEDIAMINE	Not classifiable as a human carcinogen.	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 combustible.
- Lower explosion limit : not applicable
- Upper explosion limit : not applicable
- Suitable extinguishing media : Use extinguishing agent suitable for type of surrounding fire.
- 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**

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

**PS-1466**

Version 1.4

11/05/2007

---

**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	:	no data available
pH	:	5.7 - 6.5
Odor Threshold	:	no data available
Vapor Pressure	:	no data available
Vapor Density	:	no data available
Boiling point/range	:	ca.212 °F (100 °C)
Freeze Point	:	<32 °F (0 °C)
Water solubility	:	no data available
Specific Gravity	:	1.104 - 1.116
Viscosity	:	no data available
Evaporation rate	:	no data available
Partition coefficient (n-octanol/water)	:	no data available

**PS-1466**

Version 1.4

11/05/2007

VOC Concentration as applied : 0 g/l  
(less water and exempt solvents)

**10. STABILITY AND REACTIVITY**

Stability : Stable under recommended storage conditions.  
 Conditions to avoid : Prolonged exposure to high temperatures  
 Materials to avoid : oxidizing agents  
 Hazardous decomposition products : no data available  
 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>				
OLEYL DIETHANOLAMIDE	LC50	no data available		
ACETIC ACID	LC50	no data available		
ETHYLENEDIAMINE	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>			
OLEYL DIETHANOLAMIDE	LD50 (Oral)	no data available	
ACETIC ACID	LD50 (Oral)	no data available	
ETHYLENEDIAMINE	LD50 (Oral)	6,800 mg/kg	

**Acute dermal toxicity**

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Dermal)	no data available	
<u>Component</u>			
OLEYL DIETHANOLAMIDE	LD50 (Dermal)	no data available	
ACETIC ACID	LD50 (Dermal)	1,060 mg/kg	rabbit

**PS-1466**

Version 1.4

11/05/2007

ETHYLENEDIAMINE

LD50 (Dermal) 730 mg/kg

rabbit

**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>
-----------------	----------------	----------------------

This product contains no chemicals subject to the SARA 313 supplier notification requirements.

**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.

<u>RQ</u>	<u>CAS No.</u>	<u>Chemical Name</u>
5,000 lbs	64-19-7	ACETIC ACID
5,000 lbs	107-15-3	ETHYLENEDIAMINE

**TSCA Section 12(b) Export Notification**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

<u>CAS No.</u>	<u>Chemical Name</u>
----------------	----------------------

There are no TSCA 12(b) Chemicals in this product.

**PS-1466**

Version 1.4

11/05/2007

**California Proposition 65**

The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm. Unless otherwise specified in Section 2 of this MSDS, these chemicals are present at < 0.1%:

<u>CAS No.</u>	<u>Chemical Name</u>
----------------	----------------------

---

**16. OTHER INFORMATION**

---

Legend	:	N.E. - Not Established TLV - Threshold Limit Value STEL - Short Term Exposure Limit PEL - Permissible Exposure Limit CEIL - Ceiling
--------	---	---

Prepared By	:	Environment, Health and Safety Department
-------------	---	---

This information is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of the manufacturer's knowledge, or is obtained from sources believed by the manufacturer to be accurate and is not intended to be all inclusive. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. The manufacturer assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, the manufacturer assumes no responsibility for injuries proximately caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.

End of MSDS.