

## RHEOCELL® RHEOFILL

Version 2.3

06/29/2006

### 1. PRODUCT AND COMPANY INFORMATION

Company	:	<b>BASF Corporation</b> 23700 Chagrin Blvd BEACHWOOD, OH 44122
Telephone	:	216-839-7500
Emergency telephone number	:	(800) 424-9300 (703) 527-3887 (Outside Continental US)
Product name	:	RHEOCELL® RHEOFILL
MSDS ID No.	:	10140
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>
ALPHA OLEFIN SULFONATE	68439-57-6		N.E.	N.E.	N.E.	60.00 - 100.00 %

### 3. HAZARDS IDENTIFICATION

HMIS® Rating	HEALTH	FLAMMABILITY	PHYSICAL HAZARD
	1	1	0

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

#### Effects of Overexposure

Inhalation	:	May cause irritation of respiratory tract.
Skin	:	Prolonged or repeated exposure can cause skin irritation and redness.
Eyes	:	Can cause slight to moderate irritation, redness, tearing and blurred vision.
Ingestion	:	Amounts ingested incidental to industrial handling are not expected to cause injury. Can cause gastrointestinal irritation, nausea, and diarrhea.
Chronic exposure	:	No known information available.

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### Carcinogenicity

	ACGIH	IARC	NTP	OSHA
ALPHA OLEFIN SULFONATE	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 : > 201.0 °F (93.9 °C)
- Autoignition temperature : no data available
- Lower explosion limit : no data available
- Upper explosion limit : no data available
- Suitable extinguishing media : dry chemical  
foam  
water fog
- Fire and Explosion Hazards : 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 : Avoid dust formation. Eliminate all sources of ignition. Wear appropriate protective equipment. Take up spill mechanically. Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

## 7. HANDLING AND STORAGE

- Handling : Keep out of reach of children. Dust may form explosive mixture with air. Remove dust regularly. Take precautionary measures against electrostatic charging.

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Storage : Keep tightly closed.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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Color : off-white

Physical State : solid

Odor : none

pH : 10 (as aqueous solution)

Odor Threshold : no data available

Vapor Pressure : not applicable

Vapor Density : not applicable

Boiling point/range : not applicable

Freeze Point : no data available

Water solubility : completely soluble

Specific Gravity : 0.3

Viscosity : no data available

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Evaporation rate : Slower than ether

Partition coefficient (n-octanol/water) : no data available

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

**10. STABILITY AND REACTIVITY**

Stability : Stable under recommended storage conditions.

Conditions to avoid : Prolonged exposure to high temperatures

Materials to avoid : strong oxidizing agents

Hazardous decomposition products : Oxides of carbon  
Oxides of sulfur

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>				
ALPHA OLEFIN SULFONATE	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>			
ALPHA OLEFIN SULFONATE	LD50 (Oral)	no data available	

**Acute dermal toxicity**

<u>Product</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
	LD50 (Dermal)	no data available	
<u>Component</u>			

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ALPHA OLEFIN SULFONATE

LD50 (Dermal) no data available

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### 12. ECOLOGICAL INFORMATION

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

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### 13. DISPOSAL CONSIDERATIONS

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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.

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### 14. TRANSPORT INFORMATION

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DOT : Proper shipping name Not regulated

IATA : Proper shipping name Not regulated

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### 15. REGULATORY INFORMATION

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#### **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>
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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>
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No CERCLA chemicals exist in this product above reportable concentrations.

#### **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:

