



Croda Inc.  
300-A Columbus Circle  
Edison, NJ 08837

**MATERIAL SAFETY DATA SHEET**  
(Conforms to OSHA Regulations – 29 CFR 1910.1200)

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

**Product Trade Name:** **Incroquat Behenyl TMS-50**  
**Chemical Family:** Fatty quaternary amine salt (and) fatty alcohol (and) butylene glycol  
**Chemical Name:** Behenyl trimethylammonium methosulfate (and) n-Hexadecanol (and) Butylene glycol

**International Nomenclature** Behentrimonium Methosulfate (and) Cetyl Alcohol (and) Butylene glycol  
**Cosmetic Ingredient (INCI) Name:**

**EMERGENCY TELEPHONE NUMBER: CHEMTREC: 1-800-424-9300**

NON-EMERGENCY PRODUCT INFORMATION:

CRODA INC.  
NORTH AMERICAN HEADQUARTERS & INNOVATION CENTER  
300-A COLUMBUS CIRCLE  
EDISON, NJ 08837-3907  
TEL: 732-417-0800 FAX: 732-417-0804

**SECTION 2 – COMPOSITION AND INGREDIENT INFORMATION**

Ingredient	CAS number	EINECS	Exposure limit
Behentrimonium Methosulfate	81646-13-1	279-791-1	Not established
Cetyl Alcohol	36653-82-4	253-149-0	10 mg/m3 (total inhalable dust)
Butylene glycol	107-88-0	203-529-7	Not established

### SECTION 3 – HAZARDOUS IDENTIFICATION

This material is non-hazardous as defined by the OSHA Hazard Communication Standard.

### SECTION 4 – FIRST-AID MEASURES

**Skin:** Wash with soap and water. If irritation develops, seek medical attention.

**Eyes:** Flush with water for at least 15 minutes. If irritation develops, get medical attention.

**Ingested:** Get medical attention. Do not induce vomiting.

### SECTION 5 – FIRE FIGHTING PROCEDURES

**Flash Point:** >200F

**Flammable - LEL:** Not Applicable. **Flammable - UEL:** Not Applicable.

**Extinguishing Medium:** Dry chemical, carbon dioxide or skilled application of water spray.

**Special Fire Fighting Procedure:** Wear self-contained breathing apparatus and other protective clothing.

**Unusual Fire Explosion Hazards:** None known

### SECTION 6 - ACCIDENTIAL RELEASE MEASURES

No reportable quantity for this material has been established per 40 CFR parts 302 or 355.

### SECTION 7 - HANDLING AND STORAGE

To optimize product integrity and quality, store under cool, dry conditions.

### SECTION 8 - EXPOSURE CONTROLS & PERSONAL PROTECTION

**Ventilation Requirements:** Normal ventilation adequate.

**Recommended Personal Protective Equipment:**

**Respiratory:** Not required.

**Eyes:** Safety glasses

**Hands:** Impervious gloves

**Other:** Not required.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not Available	Vapor Pressure:	Not Available
Vapor Density:	Not Available	Evaporation Rate:	Not Available
Specific Gravity:	Not Available	Melting Point:	65-79 °C
Solubility:	Dispersible in warm water	pH:	5.0-7.5 (in water)
Appearance:	White to off-white, waxy solid.	Odor:	Characteristic

## SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Hazardous decomposition:	Oxides of carbon, nitrogen and sulfur
Incompatibility (Materials to avoid):	Strong oxidizing agents
Hazardous polymerization:	Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Acute oral toxicity:	No data available.
Dermal toxicity:	No data available.
Dermal irritancy:	Photoallergy: Not a contact sensitizer nor a photoallergen under test conditions
Occular irritancy:	No data available.
Carcinogenicity or other:	No data available.

## SECTION 12 - ECOLOGICAL INFORMATION

No data available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state and federal regulations.

**SECTION 14 - TRANSPORTATION INFORMATION**

Nonhazardous

**SECTION 15 - REGULATORY INFORMATION****INTERNATIONAL CHEMICAL INVENTORY STATUS:**

UNITED STATES TOXIC SUBSTANCES CONTROL ACT (TSCA):	Not Listed
EUROPEAN INVENTORY OF NEW AND EXISTING CHEMICAL SUBSTANCES (EINECS):	Listed
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS):	Listed
CANADIAN DOMESTIC / NON-DOMESTIC SUBSTANCE LISTS:	Not Listed

SARA 312: No reportable components.

SARA 313: No reportable components.

Canadian WHMIS: Butylene glycol (CAS 107-88-0).

California Proposition 65: No reportable components.

**SECTION 16 - OTHER INFORMATION****HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS):**

Health: 1      Fire: 0      Reactivity: 0      PPE Code: B

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:**

Health: 1      Fire: 0      Reactivity: 0      Additional Information: (none)

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