



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)

**NON-WARRANTY:** ALL INFORMATION CONTAINED HEREON IS INTENDED PRIMARILY TO DEMONSTRATE THE UTILITY OF CRODA PRODUCTS. WE ASSUME NO LIABILITY IN THE PRESENTATION OF THIS DATA, NOR SHOULD THE INFORMATION BE CONSTRUED AS GRANTING LICENSE TO PRACTICE ANY METHODS OR COMPOSITIONS OF MATTER COVERED BY U.S. OR FOREIGN PATENTS.

THE DATA SUPPLIED IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATIONS WITH ANY OTHER MATERIALS OR IN ANY PROCESS. THE INFORMATION IS SUPPLIED IN GOOD FAITH AND BASED ON TECHNICAL DATA WHICH CRODA BELIEVES TO BE RELIABLE AND ACCURATE. NO WARRANTY EITHER EXPRESS OR IMPLIED IS MADE.