

INCROQUAT BEHENYL TMS-50-PA-(MH)

Version 1.1

Revision Date 12/01/2014

Print Date 02/07/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : INCROQUAT BEHENYL TMS-50-PA-(MH)
Product code : HA40132
INCI : Behentrimonium Methosulfate and Cetyl Alcohol and Butylene Glycol

Manufacturer or supplier's details

Company : Croda Inc
Address : 300 A Columbus Circle
Edison, NJ 08837-3907
Telephone : (732) 417-0800
Telefax : (732) 417-0804

Emergency telephone : USA: 24 Hour Emergency Response Information CHEMTREC toll free: 1-800-424-9300; direct/international: 1-703-527-3887. CANADA: Quantum Murray (spill response)1-877-378-7745. CANADA: CANUTEC(collect) 1-613-996-6666. EUROPE: 00 32 3575 5555. ASIA PACIFIC - excl. China: +65 6542-9595. CHINA: +86 21 2315 9344. AUSTRALIA: +61 2 9616 5890. SOUTH AFRICA: +32 3 575 55 55. LATAM: 0800 720 8000. 1-613-996-6666. INDIA: +91 22 30948601/2. JAPAN: +65 6542 9595 (24時間 日本語対応無料通話、シンガポール)

Recommended use of the chemical and restrictions on use

Recommended use : Personal care
Prepared by : Product Safety and Regulatory Affairs Department
(732) 417-0800

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Skin irritation : Category 2
Eye irritation : Category 2B

GHS Label element

Hazard pictograms



Signal Word : Warning

Hazard Statements : H315 + H320 Causes skin and eye irritation.

Precautionary Statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves.
Response:
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for

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several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

Other hazards which do not result in classification

May cause irritation of respiratory tract.

Ingestion may cause irritation to mucous membranes.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration [%]
Behentrimonium Methosulfate	81646-13-1	> 45 - < 55

SECTION 4. FIRST AID MEASURES

- If inhaled : If breathed in, move person into fresh air.
If symptoms persist, call a physician.
- In case of skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
- In case of eye contact : In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : If swallowed, call a poison control center or doctor immediately.

SECTION 5. FIRE-FIGHTING MEASURES**Flammable properties**

- Flash point : not determined
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : Do not use a solid water stream as it may scatter and spread fire.
Do not allow run-off from fire fighting to enter drains or water courses.

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- Specific extinguishing methods : Standard procedure for chemical fires.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Ensure adequate ventilation.
- Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin and eyes.
- Conditions for safe storage : Store in original container.
Keep container tightly closed in a dry and well-ventilated place.
- Materials to avoid : No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.
- Hand protection
Remarks : Impervious gloves
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : impervious clothing
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Wax like, solid
Color	: No data available
Odor	: characteristic
Odor Threshold	: No data available
pH	: 4.5 - 7.0, 3
Melting point	: No data available
Decomposition temperature	: No data available
Boiling point/boiling range	: not applicable
Flash point	: not determined
Evaporation rate	: not applicable
Vapor pressure	: No data available
Relative vapor density	: not applicable
Relative density	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: dispersible
Partition coefficient: n-octanol/water	: No data available
Thermal decomposition	: No data available

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: None known.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: Hydrogen chloride gas Carbon oxides Nitrogen oxides (NOx)

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

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Product:

Acute oral toxicity : LD50 rat, male and female: > 5,000 mg/kg
GLP: yes

Skin corrosion/irritation

Product:

Species: rabbit
Exposure time: 24 h
Result: slight irritation
Classification: Based on available data, the classification criteria are not met
GLP: yes
Test substance: 25%

Serious eye damage/eye irritation

Product:

Species: rabbit
Result: No eye irritation
Classification: Based on available data, the classification criteria are not met
GLP: yes
Test substance: 25%

Respiratory or skin sensitization

Product:

Species: Humans
Classification: Based on available data, the classification criteria are not met
Result: Does not cause skin sensitization.
Method: Patch Test on humans.
GLP: yes
Test substance: 25%
Remarks: Patch test on human volunteers did not demonstrate sensitization properties.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: Metabolic activation
Result: negative
GLP: yes
Test substance: 25%

: Type: Ames test
Test species: Escherichia coli
Metabolic activation: Metabolic activation
Result: negative
GLP: yes
Test substance: 25%

: Type: Chromosome aberration test in vitro
Test species: Chinese hamster ovary cells
Metabolic activation: Metabolic activation

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Result: negative
GLP: yes
Test substance: 25%

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product:

Remarks: Information given is based on data obtained from similar substances.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish

:
Remarks: No data available

Persistence and degradability

Product:

Biodegradability

: Remarks: Expected to be biodegradable only at low concentrations or when its germicidal action has been effectively neutralised.

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water

: Remarks: No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

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Additional ecological information : There is no data available for this product.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty remaining contents.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International regulation

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation

Special precautions for user

Remarks : Not regulated for transport in accordance with DOT, TDG, IMDG, and IATA regulations.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Acute Health Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

Behentrimonium Methosulfate	81646-13-1	45 - 55 %
1-Hexadecanol	36653-82-4	35 - 45 %
Butylene glycol	107-88-0	5 - 10 %

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New Jersey Right To Know

Behentrimonium Methosulfate	81646-13-1	45 - 55 %
1-Hexadecanol	36653-82-4	35 - 45 %
Butylene glycol	107-88-0	5 - 10 %

California Prop 65

WARNING! This product contains a chemical known in the State of California to cause cancer.

dimethyl sulphate 77-78-1

The ingredients of this product are reported in the following inventories:

TSCA This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.

REACH On the inventory, or in compliance with the inventory

AICS On the inventory, or in compliance with the inventory

DSL All components of this product are on the Canadian DSL.

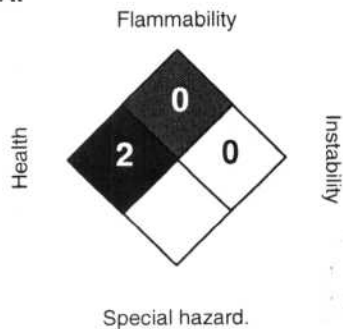
Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS II:

HEALTH	2
FLAMMABILITY	0
Reactivity	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.