

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CRODURET™ 50-SS-(RB)
Product code : ET00787
INCI : PEG-40 Hydrogenated Castor Oil
Chemical Name : Ethoxy (40) hydrogenated castor oil

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: +86 816-635 2206. 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)
TÜRKIYE: Sağlık Bakanlığı Ulusal Zehir Merkezi - 114

Recommended use of the chemical and restrictions on use

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

SECTION 2. HAZARDS IDENTIFICATION**GHS Classification**

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards which do not result in classification

May irritate skin.
May irritate eyes.
Ingestion may cause irritation to mucous membranes.
May cause irritation of respiratory tract.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Pure substance

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

Hazardous ingredients

No hazardous ingredients

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.
If symptoms persist, call a physician.
- In case of eye contact : Rinse with plenty of water.
If eye irritation persists, consult a specialist.
- If swallowed : If large quantities of this material are swallowed, call a physician immediately.
- Most important symptoms and effects, both acute and delayed : See section 2 and 11
- Notes to physician : None known.

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

- Flash point : > 100 °C (> 212 °F)
- Ignition temperature : No data available
- Upper explosion limit : No data available
- Lower explosion limit : No data available
- Flammability (solid, gas) : No data available
- 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 : Do NOT use water jet.
- Specific hazards during fire fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon oxides
- Specific extinguishing methods :
Further information : Use water spray to cool unopened containers.
- Special protective equipment for : In the event of fire, wear self-contained breathing apparatus.

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

fire-fighters

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
- Environmental precautions : Prevent product from entering drains.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
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.
- Conditions for safe storage : Keep tightly closed in a dry, cool 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 : No personal respiratory protective equipment normally required.
- Hand protection
Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : Impervious clothing

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : paste
- Color : white
- Odor : characteristic
- Odor Threshold : No data available
- pH : No data available

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

Melting point	: No data available
Melting point/freezing point	No data available
Boiling point	: No data available
Decomposition temperature	No data available
Initial boiling point and boiling range	No data available
Flash point	: > 100 °C (> 212 °F)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Relative density	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: 100 g/l completely soluble (25 °C)
Solubility in other solvents	: 100 g/l completely soluble (25 °C) Solvent: Alcohol
	: 100 g/l completely soluble (25 °C) Solvent: acetone-like
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: No data available
Explosive properties	: Classification Code: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No data available
Chemical stability	: No data available

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

Possibility of hazardous reactions : No hazards to be specially mentioned.
Conditions to avoid : None known.
Incompatible materials : Strong oxidizing agents
Hazardous decomposition products :

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity**

No data available

Skin corrosion/irritation**Product:**

Remarks: Mild skin irritation

Serious eye damage/eye irritation**Product:**

Remarks: Mild eye irritation

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

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: No data is available on the product itself., Information given is based on data on the ingredients and the toxicology of similar products.

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available

Persistence and degradability

No data available

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:

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.

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.

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

SECTION 15. REGULATORY INFORMATION**SARA 311/312 Hazards** : No SARA Hazards**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**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**

Alkoxylate 61788-85-0 90 - 100 %

New Jersey Right To Know

Alkoxylate 61788-85-0 90 - 100 %

California Prop 65 This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.**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.

CH INV

On the inventory, or in compliance with the inventory

DSL

All components of this product are on the Canadian DSL

AICS

On the inventory, or in compliance with the inventory

ENCS

On the inventory, or in compliance with the inventory

ISHL

On the inventory, or in compliance with the inventory

KECI

On the inventory, or in compliance with the inventory

PICCS

On the inventory, or in compliance with the inventory

IECSC

On the inventory, or in compliance with the inventory

For explanation of abbreviations see section 16.

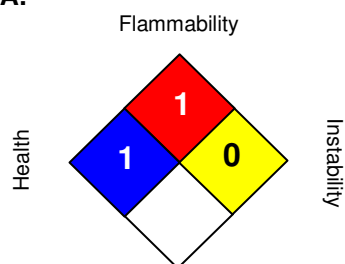
SECTION 16. OTHER INFORMATION

CRODURET™ 50-SS-(RB)

Version 1.0

Revision Date 09/15/2016

Print Date 09/15/2016

Further information**NFPA:****HMIS II:**

HEALTH	1
FLAMMABILITY	1
Reactivity	0

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

Key or legend to abbreviations and acronyms used in the safety data sheet

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

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.