

HOSTACOR 2098

Page 1

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

SECTION 1. IDENTIFICATION

Identification of the company:

Clariant Corporation
500 East Morehead Street
Charlotte, NC, 28202
Telephone No.: +1 704-331-7000

Information of the substance/preparation:

Product Stewardship, +1-704-331-7710
e-mail: SDS.NORAM@clariant.com

Emergency tel. number: +1 800-424-9300 CHEMTREC, +1 (703) 527-3887 INTERNATIONAL

Trade name:**HOSTACOR 2098****Material number:**

115832

Chemical family:

Mixture of: Organic Compounds.
Carboxylic acid
Amines

Primary product use:

Corrosion inhibitor

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the Hazardous Products Regulations

Acute toxicity (Oral) : Category 4

Skin irritation : Category 2

Eye irritation : Category 2A

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

HOSTACOR 2098

Page 2

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 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 + P364 Take off contaminated clothing and wash it before reuse.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Chemical nature : Mixture of: Organic Compounds.
Carboxylic acid
Amines

Components

Chemical name	CAS-No.	Concentration (% w/w)
Isononanoic acid, compound with 2,2',2''-nitrilotriethanol (1:1)	67801-51-8	30 - 60
Isononanoic acid, compound with 2-aminoethanol (1:1)	67801-50-7	30 - 60
Triethanolamine	102-71-6	1 - 5

Actual concentration or concentration range is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact : Remove contaminated clothing and wash affected areas with

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

- soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- If swallowed : If swallowed, DO NOT induce vomiting. Get immediate medical advice/ attention.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.
- Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Foam
Dry powder
Carbon dioxide (CO₂)
Water spray jet
- Unsuitable extinguishing media : High volume water jet
- Further information : Cool endangered containers with water spray jet.
Emits toxic and corrosive fumes under fire conditions.
- Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Refer to protective measures listed in sections 7 and 8.
Avoid contact with skin, eyes and clothing.
Wash thoroughly after handling.
Do not empty into drains.
Wear suitable protective equipment. Ensure adequate ventilation. Contain spill and pump into proper containers using compatible equipment. Smaller spills may be recovered using inert absorbent material (sand, sawdust) and collected into suitable containers. Wash spill area. Do not allow the product to enter sewers or waterways.
- Environmental precautions : Do not allow spilt product to enter soil or waterways
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Pick up mechanically. Rinse away rest with water.

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Ensure adequate ventilation.
- Further information on storage conditions : Keep containers tightly closed in a cool, well-ventilated place.
Handle and open container with care.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Triethanolamine	102-71-6	TWA	5 mg/m ³	CA AB OEL
		TWA	5 mg/m ³	CA BC OEL
		TWA	0.5 ppm 3.1 mg/m ³	CA ON OEL
		TWAEV	5 mg/m ³	CA QC OEL
		TWA	5 mg/m ³	ACGIH

- Engineering measures** : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

- Respiratory protection : Wear an approved respirator if vapours or mists are generated when handling or processing this product. Use appropriate filters. Do not exceed filters limitations.
- Hand protection
Remarks : Butyl Rubber, PVC or Neoprene
- Eye protection : Safety goggles
Face-shield
- Skin and body protection : Avoid skin contact.
Wear suitable protective clothing.
- Hygiene measures : When using do not eat, drink or smoke.
Take off immediately all contaminated clothing and wash it before reuse.
Observe the usual precautions for handling chemicals.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid

HOSTACOR 2098

Page 5

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

Colour	:	yellow to brownish
Odour	:	characteristic
Odour Threshold	:	not determined
pH	:	6 - 7.5 (20 °C) Concentration: 10 g/l 1 %
Freezing point	:	-3 °C
Boiling point	:	250 °C Decomposition
Flash point	:	179 °C
Evaporation rate	:	not determined
Flammability (solid, gas)	:	Not applicable
Upper explosion limit / upper flammability limit	:	not tested.
Lower explosion limit / Lower flammability limit	:	not tested.
Vapour pressure	:	not tested.
Relative vapour density	:	not determined
Density	:	1 g/cm ³ (20 °C) Method: OECD Test Guideline 109
Solubility(ies) Water solubility	:	insoluble
Auto-ignition temperature	:	not tested.
Viscosity Viscosity, dynamic	:	2,000 mPa.s (20 °C)
Viscosity, kinematic	:	not determined

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous	:	Reaction with Alkalis and Nitrites

HOSTACOR 2098

Page 6

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

reactions

nitrosating agents
Stable

Conditions to avoid : None known.

Incompatible materials : Keep away from strong bases.

Hazardous decomposition products : Hazardous decomposition products:
Nitrogen oxides (NO_x)
Carbon monoxide and carbon dioxide**SECTION 11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure**

Eye contact

Skin contact

Inhalation

Acute toxicity**Product:**

Acute oral toxicity : Acute toxicity estimate: Method: Calculation method

Acute inhalation toxicity : Remarks: not tested.

Acute dermal toxicity : Remarks: not tested.

Skin corrosion/irritation**Product:**

Remarks: not tested.

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

Remarks: not tested.

Respiratory or skin sensitisation**Product:**

Remarks: not tested.

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - Assessment : No information available.

Carcinogenicity**Product:**

SAFETY DATA SHEET



HOSTACOR 2098

Page 7

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

Carcinogenicity - Assessment : No information available.

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : No information available.

No information available.

STOT - single exposure

Product:

Remarks: not tested.

Repeated dose toxicity

Product:

Remarks: not tested.

Experience with human exposure

Product:

General Information : The possible symptoms known are those derived from the labelling (see section 2).

Further information

Product:

Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects

Product:

Additional ecological information : This information is not available.

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

- Waste from residues : In accordance with current regulations may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority
- Can be landfilled or incinerated, when in compliance with local regulations.
- Contaminated packaging : Corroded or contaminated packaging should be disposed of as product waste

SECTION 14. TRANSPORT INFORMATION

TDG	not restricted
IATA	not restricted
IMDG	not restricted

SECTION 15. REGULATORY INFORMATION**The components of this product are reported in the following inventories:**

- DSL : All components of this product are on the Canadian DSL

SECTION 16. OTHER INFORMATION**Full text of other abbreviations**

- ACGIH : USA. ACGIH Threshold Limit Values (TLV)
- CA AB OEL : Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)
- CA BC OEL : Canada. British Columbia OEL
- CA ON OEL : Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.
- CA QC OEL : Québec. Regulation respecting occupational health and safety, Schedule 1, Part 1: Permissible exposure values for airborne contaminants
- ACGIH / TWA : 8-hour, time-weighted average
- CA AB OEL / TWA : 8-hour Occupational exposure limit
- CA BC OEL / TWA : 8-hour time weighted average
- CA ON OEL / TWA : Time-Weighted Average Limit (TWA)
- CA QC OEL / TWA EV : Time-weighted average exposure value

AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule;

Substance key: 000000162037

Revision Date: 06/17/2019

Version : 3 - 0 / CDN

Date of printing :01/04/2024

ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Observe national and local legal requirements

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Revision Date : 06/17/2019

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. NO EXPRESS OR IMPLIED WARRANTY IS MADE OF THE MERCHANTABILITY, SUITABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE OF ANY PRODUCT OR SERVICE. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.

CA / EN