

HYBASE C313

Version: 1.4

Revision Date: 12/08/2017

Print Date: 05/02/2018

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: HYBASE C313

Product Use Description: Additive

Company: LANXESS Solutions US Inc.
199 Benson Road
Middlebury, CT
06749
United States of America (USA)

Telephone: (US) +1 866-430-2775

Emergency telephone number: CHEMTREC: (24 hours) 800-424-9300
:
: US : 800-292-5898 (Technical inquiries)

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by Product Safety Department
(US) +1 866-430-2775

MSDSRequest@chemtura.com

Recommended use of the chemical and restrictions on use

Recommended use : Additive

Restrictions on use : Restricted to professional users.

SECTION 2. HAZARDS IDENTIFICATION

Form	viscous liquid
Colour	brown
Odour	oily

GHS Classification

Eye irritation : Category 2A

GHS label elementsSignal word : **Warning**

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Hazard pictograms



Hazard statements

: H319 Causes serious eye irritation.

Other hazards

: None

Precautionary statements

: **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.
Response:
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/ attention.

Carcinogenicity:

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	>= 30 - < 50 %
calcium carbonate	471-34-1	>= 20 - < 30 %
Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts	68584-23-6	>= 10 - < 20 %
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	>= 10 - < 20 %
Sulfonic acids, petroleum, calcium salts	61789-86-4	>= 5 - < 10 %
calcium dihydroxide	1305-62-0	>= 1 - < 2.5 %

SECTION 4. FIRST AID MEASURES

If inhaled

: Remove to fresh air.
Give oxygen or artificial respiration if needed.
If symptoms persist, call a physician.

In case of skin contact

: Wash off with warm water and soap.
Cool skin rapidly with cold water after contact with molten material.
If skin irritation persists, call a physician.
Wash contaminated clothing before re-use.

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- | | |
|---|--|
| In case of eye contact | : Rinse thoroughly with plenty of water, also under the eyelids.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist. |
| If swallowed | : If swallowed, DO NOT induce vomiting.
Aspiration may cause pulmonary oedema and pneumonitis.
If symptoms persist, call a physician or Poison Control Centre immediately.
Never give anything by mouth to an unconscious person. |
| Most important symptoms and effects, both acute and delayed | : irritant effects |
| Notes to physician | : For specialist advice physicians should contact the Poisons Information Service. |

SECTION 5. FIREFIGHTING MEASURES

- | | |
|---|---|
| Suitable extinguishing media | : (on small fires)
Carbon dioxide (CO ₂)
Dry chemical
Dry sand
Extinguishing media - large fires
Foam
Water mist |
| Unsuitable extinguishing media | : Water spray jet |
| Specific hazards during firefighting | : Do not use a solid water stream as it may scatter and spread fire.
Burning produces irritant fumes.
Exposure to decomposition products may be a hazard to health. |
| Specific extinguishing methods | : Cool containers/tanks with water spray.
Prevent fire extinguishing water from contaminating surface water or the ground water system. |
| Special protective equipment for firefighters | : Self-contained breathing apparatus with full face-piece operated in positive pressure mode.
Body covering protective clothing, full "turn-out" gear. |

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Evacuate personnel to safe areas.
Ensure adequate ventilation.
Wear suitable protective clothing, gloves and eye/face protection.
Material can create slippery conditions.
- Environmental precautions : Do not allow contact with soil, surface or ground water.
Do not flush into surface water or sanitary sewer system.
- Methods and materials for containment and cleaning up : Ventilate the area. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers. Large spills should be collected mechanically (remove by pumping) for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
Use only in well-ventilated areas.
Remove all sources of ignition.
Ensure all equipment is electrically grounded before beginning transfer operations.
- Conditions for safe storage : Keep only in the original container in a cool, well ventilated place away from oxidizing agents.
Keep away from fire, sparks and heated surfaces.
Protect from contamination.
- Materials to avoid : Oxidizing agents

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis
Distillates (petroleum), solvent-refined heavy paraffinic	64741-88-4	TWA	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable)	5 mg/m3	ACGIH

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		fraction)		
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL
		TWA (Mist)	5 mg/m3	OSHA P0
		PEL (particulate)	5 mg/m3	CAL PEL
calcium carbonate	471-34-1	PEL (Total dust)	10 mg/m3	CAL PEL
		PEL (respirable dust fraction)	5 mg/m3	CAL PEL
		TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
calcium dihydroxide	1305-62-0	TWA	5 mg/m3	ACGIH
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
		TWA	5 mg/m3	NIOSH REL
		PEL	5 mg/m3	CAL PEL

Engineering measures : Use with adequate ventilation.

Personal protective equipment

Respiratory protection : not required under normal use
In the case of vapour formation use a respirator with an approved filter.
Respirator with combination filter for vapour/particulate (EN 141)

Hand protection
Remarks : PVC or other plastic material gloves Neoprene gloves When handling hot material, use heat resistant gloves.

Eye protection : Safety goggles

Skin and body protection : Long sleeved clothing
Remove and wash contaminated clothing before re-use.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapours, mist or gas.
Wash hands before breaks and at the end of workday.
Keep away from food and drink.
When working with hot material, avoid contact with skin.
Remove and wash contaminated clothing before re-use.

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Keep working clothes separately.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: viscous liquid
Color	: brown
Odor	: oily
Odour Threshold	: No data available
pH	: No data available
Melting point/range	: No data available
Boiling point/boiling range	: No data available
Evaporation rate	: No data available
Flash point	: 220 °C Method: Cleveland open cup ASTM D 92
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: 0.008 hPa (20 °C)
Relative vapour density	: No data available
Relative density	: No data available
Density	: > 1 g/cm ³ (25 °C)
<u>Solubility(ies)</u>	
Water solubility	: negligible
Solubility in other solvents	: partly soluble Solvent: Organic solvents
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity	
Viscosity, kinematic	: > 30 mm ² /s (40 °C)

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: Will not occur. Stable under normal conditions.
Conditions to avoid	: Exposure to moisture Contamination
Incompatible materials	: Oxidizing agents
Hazardous decomposition products	: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Sulphur oxides Oxides of calcium

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity : LD50 Oral (Rat): > 20 g/kg
Remarks: Information given is based on data obtained from similar substances.

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:**calcium carbonate:**

Acute oral toxicity : LD50 (Rat): 6,450 mg/kg

Sulfonic acids, petroleum, calcium salts:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: yes

Acute dermal toxicity : LD50 (Rabbit, male and female): > 4,000 mg/kg
Method: OECD Test Guideline 402
GLP: yes

calcium dihydroxide:

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Acute oral toxicity : LD50 (Rat): 7,340 mg/kg

Skin corrosion/irritation**Product:**

Remarks: Not classified due to lack of data.

Components:**calcium carbonate:**

Species: Rabbit

Result: No skin irritation

calcium dihydroxide:

Result: Irritating to skin.

Serious eye damage/eye irritation**Components:****calcium carbonate:**

Species: Rabbit

Result: No eye irritation

calcium dihydroxide:

Species: Rabbit

Result: Risk of serious damage to eyes.

Method: Draize Test

Respiratory or skin sensitisation**Product:**

Result: Does not cause skin sensitisation.

Components:**Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts:**

Result: Probability or evidence of low to moderate skin sensitisation rate in humans

Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts:

Result: Probability or evidence of low to moderate skin sensitisation rate in humans

Sulfonic acids, petroleum, calcium salts:

Result: Probability or evidence of low to moderate skin sensitisation rate in humans

calcium dihydroxide:

Assessment: Did not cause sensitisation on laboratory animals.

Reproductive toxicity**Components:****calcium carbonate:**

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Effects on fertility

:

Species: Rat
Application Route: OralReproductive toxicity -
Assessment

:

No toxicity to reproduction
No effects on or via lactation**STOT - single exposure****Components:****calcium dihydroxide:**

Assessment: May cause respiratory irritation.

Aspiration toxicity**Product:**

No aspiration toxicity classification

Further information**Product:**

Remarks: No data is available on the product itself.

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Toxicity to fish (Product)

:

Remarks:
No data available

Toxicity to daphnia and other aquatic invertebrates

Sulfonic acids, petroleum,
calcium salts (Component)

:

EC50: > 100 mg/l
Exposure time: 48 h
Species: Daphnia magna (Water flea)
static test Method: OECD Test Guideline 202

Toxicity to algae

Sulfonic acids, petroleum,
calcium salts (Component)

:

EbC50: > 100 mg/l
Exposure time: 72 h
Species: Green algae (Scenedesmus subspicatus)
static test Analytical monitoring: no
Method: OECD Test Guideline 201

ErC50: > 100 mg/l

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Species: Green algae (*Scenedesmus subspicatus*)
static test Analytical monitoring: no
Method: OECD Test Guideline 201

Elimination information (persistence and degradability)

Bioaccumulation (Product) : Remarks:
No data available

Mobility (Product) : Remarks:
No data available

Biodegradability (Product) : Result: No data available

Ecotoxicology Assessment

Acute aquatic toxicity
calcium dihydroxide : Harmful to aquatic life.
(Component)

calcium dihydroxide :
(Component)

calcium dihydroxide :
(Component)

calcium dihydroxide :
(Component)

Impact on Sewage : May be separated mechanically in waste water plants.
Treatment (Product)

Results of PBT assessment (Product)

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).

Additional ecological : No information on ecology is available.
information (Product)

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Dispose of waste product or used containers according to
local regulations.
Waste must be classified and labelled prior to recycling or
disposal.
Do not dispose of waste into sewer.

SECTION 14. TRANSPORT INFORMATION

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International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

Not classified as dangerous in the meaning of transport regulations.

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
naphthalene	91-20-3	100	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA304 Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Serious eye damage or eye irritation

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

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

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Please note that Section 3 of this document lists only the hazardous components required by the specific country or region hazard communication regulations. The chemical identifiers listed in Section 3 are used globally for hazard communication purposes and may not reflect those used for chemical inventory coverage in a particular country or region. The chemical inventory information given in Section 15 of this document applies to the product as a whole and should be used when evaluating inventory compliance.

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

DSL	All components of this product are on the Canadian DSL
AICS	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory
ENCS	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
TCSI	On the inventory, or in compliance with the inventory
US.TSCA	On TSCA Inventory

SECTION 16. OTHER INFORMATION

Further information

Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
<u>Mexico:</u>		+52 555 004 8763

The information provided in this 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.