

## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

**Trade name:** Hycrete Endure Cure  
Hycrete, Inc. (USA)

### Safety data sheet no.:

### Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

**Application of the substance / the preparation:** Construction chemicals

### Details of the supplier of the safety data sheet

### Manufacturer/Supplier:

Hycrete, Inc.

14 Spielman Road, Fairfield, NJ 07004 USA

Tel: (201) 386-8110 Fax: (201) 386-8155

Emergency telephone number: (973) 465-0077

Email: [info@hycrete.com](mailto:info@hycrete.com)

## 2. Hazards identification

### GHS Classification:

Skin Irritation. Category 2

H315: Causes skin irritation.

Eye Irritation. Category 2

H319: Causes serious eye irritation.

Respiratory System; Category 3

H335: May cause respiratory irritation.

### GHS Label element:

#### Hazard Pictograms



**Signal Word:** Warning Alkaline – irritating to eyes and skin

### Hazard statements

H315 Causes serious skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

### Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- 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.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards**

**Results of PBT and vPvB assessment**





PBT: Not applicable.

vPvB: Not applicable.

### 3. Composition/information on ingredients

**Chemical characterization: Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

<b>Dangerous components:</b>		
CAS: 57195-26-3	Butanedioic acid 2-dodecenyl sodium salt  Xi R36/37/38  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	> 35%
CAS: 126-86-3 EINECS: 204-809-1	2,4,7,9-tetramethyldec-5-yne-4,7-diol  Xi R36/R52/53  Eye Irrit. 2, H319; Aquatic Chronic 3, H412	0,1 - 1%
CAS: 1344-09-8 EINECS 215-687-4	Eye Irrit. 2, H319	>20%

**Additional information** For the wording of the listed risk phrases refer to section 16.

### 4. First aid measures

**Description of first aid measures**

**General information** No special measures required.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

**After skin contact** Immediately rinse with water.

**After eye contact** Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20- 30 °C or 68- 86°F).

**After swallowing** If symptoms persist consult doctor.

**Information for doctor**

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5. Firefighting measures

**Extinguishing media**

**Suitable extinguishing agents**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Not required.

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:** Pick up mechanically.

**Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and storage

**Handling**

**Precautions for safe handling**

No special measures required.

Provide suction extractors if dust is formed.

**Information about fire - and explosion protection:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Storage**

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Specific end use(s)** No further relevant information available.

## 8. Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

**Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**Additional information:**

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

**Exposure controls**

**Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

**Protection of hands:** Protective gloves should be used if there is a risk of a constant direct contact

**Material of gloves** Nitrile rubber, NBR

**Eye protection:** Goggles recommended during refilling

**Body protection:** Protective work clothing.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Liquid
<b>Color:</b>	According to product specification
<b>Odor:</b>	Low odor, faint organic ester-like
<b>Odor threshold:</b>	Not determined

**pH-value:** 10.4

#### Change in condition

<b>Melting point/Melting range:</b>	Undetermined
<b>Boiling point/Boiling range:</b>	Undetermined

**Flash point:** Not applicable

**Flammability (solid, gaseous):** Product is not flammable.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

#### Explosion limits:

<b>Lower:</b>	Not determined
<b>Upper:</b>	Not determined

**Oxidizing properties** Not determined

**Vapor pressure:** Not applicable.

**Density:** Not applicable

**Relative density** Not applicable

**Vapor density** Not applicable

**Evaporation rate** Not applicable

**Solubility in / Miscibility with Water:** Slightly soluble

#### Segregation coefficient (n-octanol/water) log

**Pow:** Not determined.

#### Viscosity:

<b>dynamic:</b>	Not applicable
<b>kinematic:</b>	Not applicable

**Solvent content:**

EU-VOC  
Other information

0.00%  
No further relevant information public

## 10. Stability and reactivity

### Reactivity

#### Chemical stability

#### Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

**Possibility of hazardous reactions:** Reacts with catalysts, oxidizing agents and strong alkali

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity:

#### Primary irritant effect:

**On the skin:** Irritant to skin and mucous membranes.

**On the eye:** Irritating effect.

**Sensitization:** No sensitizing effects known.

## 12. Ecological information

### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

#### Behavior in environmental systems:

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

#### Additional ecological information:

##### General notes:

Do not allow product to reach ground water, water course or sewage system.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## 13. Disposal considerations

### Waste treatment methods

**Always dispose of in accordance with local, provincial (state), and federal regulations.**

**Recommendation** Smaller quantities can be disposed of with household waste.

#### European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

07 01 99	wastes not otherwise specified
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**Uncleaned packaging:**

**Recommendation:** Non contaminated packaging may be recycled.

**14. Transport information**

<b>14.1 UN-Number</b>	
<b>ADR, ADN, DOT, IMDG, IATA</b>	Not applicable.
<b>14.2 UN proper shipping name</b>	
<b>ADR, ADN, DOT, IMDG, IATA</b>	Not regulated.
<b>14.3 Transport hazard class(es)</b>	
<b>ADR, ADN, DOT, IMDG, IATA Class</b>	Not applicable.
<b>14.4 Packing group</b>	
<b>ADR, DOT, IMDG, IATA</b>	Not applicable.
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>Marine pollutant:</b>	No
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>14.8 UN "Model Regulation":</b>	-

**15. Regulatory information**

**Regulatory Overview** The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

**Toxic Substance Control Act ( TSCA)** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**WHMIS Classification** Not Regulated

**Fire:** No

**US EPA Tier II Hazards**

**Sudden Release of Pressure:** No

**Reactive:** No

**Immediate (Acute):** No

**Delayed (Chronic):** No

**EPCRA 311/312 Chemicals and RQs:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

## 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

- H315 Causes serious skin irritation.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H412 Harmful to aquatic life with long lasting effects.
- R36 Irritating to eyes.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

**Department issuing SDS:** Product safety department

**Contact:** Mr. Philip Rhodes Tel.: (973) 465-0077

**Abbreviations and acronyms:**

- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- DOT: US Department of Transportation
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)