



## Safety Data Sheet (SDS) 8315

SDS Revision Date: 02/20/2024

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

#### 1.1. Product identifier

Product Identity 8315

Alternate Names 8315

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

Intended use Contact ChemStation representative.

Application Method Contact ChemStation representative.

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

Company Name ChemStation Philadelphia  
415 Boot Rd., STE B  
Downingtown, PA 19335

#### Emergency

CHEMTREC (USA) (800) 424-9300

Customer Service: ChemStation Philadelphia (484) 696-1431

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

No applicable GHS categories.

#### [Prevention]:

No GHS prevention statements

#### [Response]:

No GHS response statements

#### [Storage]:

No GHS storage statements

#### [Disposal]:

No GHS disposal statements

### 3. Composition/information on ingredients

Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).

| Ingredient/Chemical Designations            | Weight % | GHS Classification | Notes |
|---------------------------------------------|----------|--------------------|-------|
| Triethanolamine<br>CAS Number: 0000102-71-6 | 1.0 - 10 | Not Classified     | [1]   |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## Section 4. First-aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

#### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

#### Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

#### Ingestion

If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

No specific symptom data available.  
Check section 2.2 (GHS Label Elements) for further details.

## Section 5. Fire-fighting measures

### 5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO<sub>2</sub>, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

### 5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

ERG Gulde No. 0

## Section 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

### 6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers

outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

## Section 7. Handling and storage

### 7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

### 7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No data available.

Check section 2.2 (GHS Label Elements) for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## Section 8. Exposure controls / personal protection

**8.1. Control Parameters - Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).**

### Exposure

| CAS No.      | Ingredient           | Source   | Value                |
|--------------|----------------------|----------|----------------------|
| 0000102-71-6 | Triethanolamine      | OSHA     | No Established Limit |
|              |                      | ACGIH    | TWA: 5 mg/m3         |
|              |                      | NIOSH    | No Established Limit |
|              |                      | Supplier | No Established Limit |
| ACGIH        | No Established Limit |          |                      |
| NIOSH        | No Established Limit |          |                      |
| Supplier     | No Established Limit |          |                      |
| ACGIH        | No Established Limit |          |                      |
| NIOSH        | No Established Limit |          |                      |
| Supplier     | No Established Limit |          |                      |

### Carcinogen Data

| CAS No.      | Ingredient                                                         | Source | Value                                                               |
|--------------|--------------------------------------------------------------------|--------|---------------------------------------------------------------------|
| 0000102-71-6 | Triethanolamine                                                    | OSHA   | Regulated Carcinogen: No                                            |
|              |                                                                    | NTP    | Known: No; Suspected: No                                            |
|              |                                                                    | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| NTP          | Known: No; Suspected: No                                           |        |                                                                     |
| IARC         | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |        |                                                                     |
| NTP          | Known: No; Suspected: No                                           |        |                                                                     |
| IARC         | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |        |                                                                     |

### 8.2. Exposure controls

|                             |                                                                                                                                                                                                                                                                                                                               |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory</b>          | If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.                                                                                                                                                                                                       |
| <b>Eyes</b>                 | Protective safety glasses recommended.                                                                                                                                                                                                                                                                                        |
| <b>Skin</b>                 | Keep skin contact to a minimum.                                                                                                                                                                                                                                                                                               |
| <b>Engineering Controls</b> | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |

**Other Work Practices** Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]:

## Section 9. Physical and chemical properties

|                                                        |                                                                                          |
|--------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>Appearance</b>                                      | Yellow liquid                                                                            |
| <b>Odor</b>                                            | Mild                                                                                     |
| <b>Odor threshold</b>                                  | Not Measured                                                                             |
| <b>pH</b>                                              | 8.7 - 9.3                                                                                |
| <b>Melting point / freezing point</b>                  | Not Measured                                                                             |
| <b>Initial boiling point and boiling range</b>         | 212 deg F                                                                                |
| <b>Flash Point</b>                                     | >200 degrees F PMCC (non-flammable)                                                      |
| <b>Evaporation rate (Ether = 1)</b>                    | 0.33                                                                                     |
| <b>Flammability (solid, gas)</b>                       | Not Applicable                                                                           |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                             | Not Determined                                                                           |
| <b>Vapor Density</b>                                   | Not Determined                                                                           |
| <b>Relative Density</b>                                | 0.999 - 1.009                                                                            |
| <b>Solubility in Water</b>                             | Not Measured                                                                             |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured                                                                             |
| <b>Auto-ignition temperature</b>                       | Not Measured                                                                             |
| <b>Decomposition temperature</b>                       | Not Measured                                                                             |
| <b>Viscosity (cSt)</b>                                 | Not Measured                                                                             |
| <b>Foaming</b>                                         | Moderate                                                                                 |

### 9.2. Other information

No other relevant information.

## Section 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

No hazardous decomposition data available.

## Section 11. Toxicological information

**Accute Toxicity - Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).**

| Ingredient                   | Oral LD50,<br>mg/kg             | Skin LD50,<br>mg/kg                   | Inhalation<br>Vapor LC50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LC50,<br>mg/L/4hr | Inhalation<br>Gas LC50,<br>ppm |
|------------------------------|---------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------|--------------------------------|
| Triethanolamine - (102-71-6) | 6,400.00, Rat -<br>Category: NA | >2,000.00,<br>Rabbit -<br>Category: 5 | No data<br>available                  | No data<br>available                      | No data<br>available           |

| Classification                | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral)         | ---      | Not Applicable     |
| Acute toxicity (dermal)       | ---      | Not Applicable     |
| Acute toxicity (inhalation)   | ---      | Not Applicable     |
| Skin corrosion/irritation     | ---      | Not Applicable     |
| Serious eye damage/irritation | ---      | Not Applicable     |
| Respiratory sensitization     | ---      | Not Applicable     |
| Skin sensitization            | ---      | Not Applicable     |
| Germ cell mutagenicity        | ---      | Not Applicable     |
| Carcinogenicity               | ---      | Not Applicable     |
| Reproductive toxicity         | ---      | Not Applicable     |
| STOT-single exposure          | ---      | Not Applicable     |
| STOT-single exposure          | ---      | Not Applicable     |
| STOT-repeated exposure        | ---      | Not Applicable     |
| Aspiration hazard             | ---      | Not Applicable     |

## Section 12. Ecological information

**12.1. Toxicity - Formula information for this product is being withheld as a trade secret under the provisions of 29 CFR 1910.1200(i).**

No additional information provided for this product. See Section 3 for chemical specific data.

### Aquatic Ecotoxicity

| Ingredient                   | 96 hr LC50 fish,<br>mg/l          | 48 hr EC50 crustacea,<br>mg/l | ErC50 algae,<br>mg/l                       |
|------------------------------|-----------------------------------|-------------------------------|--------------------------------------------|
| Triethanolamine - (102-71-6) | 11,800.00, Pimephales<br>promelas | 609.88, Ceriodaphnia<br>dubia | 512.00 (72 hr), Desmodesmus<br>subspicatus |

### 12.2. Persistence and degradability

This product is fully biodegradable.

### 12.3. Bioaccumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal considerations

### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

## Section 14. Transport information

|                                  |                                   |
|----------------------------------|-----------------------------------|
| 14.1. UN number                  | Not Applicable                    |
| 14.2. UN proper shipping name    | Compound, Cleaning,N.O.I., Liquid |
| 14.3. Transport hazard class(es) | Not Applicable                    |
| 14.4. Packing group              | Not Applicable                    |

## Section 15. Regulatory information

|                                                                                             |                                                                                                                   |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Regulatory Overview</b>                                                                  | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| <b>Toxic Substance Control Act ( TSCA)</b>                                                  | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |
| <b>EPCRA 311/312 Chemicals and RQs:</b><br>(No Product Ingredients Listed)                  |                                                                                                                   |
| <b>EPCRA 302 Extremely Hazardous :</b><br>(No Product Ingredients Listed)                   |                                                                                                                   |
| <b>EPCRA 313 Toxic Chemicals:</b><br>(No Product Ingredients Listed)                        |                                                                                                                   |
| <b>Proposition 65 - Carcinogens (&gt;0.0%):</b><br>(No Product Ingredients Listed)          |                                                                                                                   |
| <b>Proposition 65 - Developmental Toxins (&gt;0.0%):</b><br>(No Product Ingredients Listed) |                                                                                                                   |
| <b>Proposition 65 - Female Repro Toxins (&gt;0.0%):</b><br>(No Product Ingredients Listed)  |                                                                                                                   |
| <b>Proposition 65 - Male Repro Toxins (&gt;0.0%):</b><br>(No Product Ingredients Listed)    |                                                                                                                   |
| <b>N.J. RTK Substances (&gt;1%):</b><br>Triethanolamine                                     |                                                                                                                   |
| <b>Penn RTK Substances (&gt;1%):</b><br>Oleic acid<br>Triethanolamine                       |                                                                                                                   |

## Section 16. Other information

|                         |            |
|-------------------------|------------|
| <b>Issue Date</b>       | 04/08/2015 |
| <b>Revision History</b> | 04/08/2015 |
|                         | 04/28/2015 |
|                         | 05/28/2015 |
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|                         | 02/12/2016 |
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|                         | 01/20/2023 |

01/22/2023

04/01/2023

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The full text of the phrases appearing in section 3 is:

Not Applicable

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