

# Ethyl Centralite

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name	Ethyl Centralite, Centralite I
CAS Number	85-98-3
EC Number	201-645-2
Molecular Formula	C <sub>17</sub> H <sub>20</sub> N <sub>2</sub> O

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

Relevant Identified Uses	Please consult manufacturer.
Uses Advised Against	Please consult manufacturer.

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

Company name:	East Harbour Group Ltd 20 Clough Road, Severalls Industrial Park Colchester, Essex, CO4 9QS United Kingdom
Telephone:	+44 (0) 333 242 0100
Email:	<a href="mailto:info@eastharbourgroup.com">info@eastharbourgroup.com</a>

### 1.4 Emergency telephone number

Emergency telephone:	0800 246 1274
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## Section 2: Hazardous identification

### Hazard class and label elements of the product according to GHS (the tenth revised edition)

#### GHS Hazard Class

Acute Toxicity - Oral	Category 4
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Hazardous To the Aquatic Environment - Long-Term (Chronic) Hazard	Category 3
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#### Label elements

##### Pictogram(s)



# Ethyl Centralite

**Signal word**

Warning

**Hazard statement(s)**

H302

Harmful if swallowed

H412

Harmful to aquatic life with long lasting effects

**Precautionary statement(s)****Prevention**

P264

Wash hands and other contact area thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P273

Avoid release to the environment.

**Response**

P330

Rinse mouth.

P301+P317

IF SWALLOWED: Get medical help.

**Storage**

Not applicable

**Disposal**

P501

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

## Section 3: Composition/information on ingredients

Component	CAS number	EC number	Concentration (weight percent, %)
Ethyl Centralite, Centralite I	85-98-3	201-645-2	99.66

## Section 4: First aid measures

**Description of first aid measures****General advice**

Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

**Skin Contact**

Take off contaminated clothing and shoes immediately. Wash off with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.

**Ingestion**

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Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Centre immediately.

### Inhalation

Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

### Protecting of First aiders

Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

### Most Important Symptoms and Effects, both Acute and Delayed

Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

Symptoms may be delayed.

## Section 5: Fire-fighting measures

### Fire Fighting Media and Instructions:

#### Suitable Extinguishing Media

Dry chemical, carbon dioxide, water spray, alcohol-resistant foam.

#### Unsuitable Extinguishing Media

Do not use a solid water stream as it may scatter or spread fire.

### Special hazards arising from the substance or mixture

Containers may explode when heated.

Fire exposed containers may vent contents through pressure relief valves.

May expand or decompose explosively when heated or involved in fire.

### Advice for firefighters

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

Fight fire from a safe distance, with adequate cover.

Prevent fire extinguishing water from contaminating surface water or the ground water system.

## Section 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove all sources of ignition.

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Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.  
Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

### Environmental precautions

Prevent further leakage or spillage if safe to do so.  
Discharge into the environment must be avoided.

### Methods and material for containment and cleaning up

Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.  
Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.  
Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment.

## Section 7: Handling and storage

### Precautions for safe handling

Handling is performed in a well-ventilated place.  
Wear suitable protective equipment.  
Avoid contact with skin and eyes.  
Keep away from heat/sparks/open flames/ hot surfaces.  
Take precautionary measures against static discharges.

### Precautions for storage

Keep containers tightly closed.  
Keep containers in a dry, cool and well-ventilated place.  
Keep away from heat/sparks/open flames/ hot surfaces.  
Store away from incompatible materials and foodstuff containers.

## Section 8: Exposure controls/personal protection

### Control parameters

#### Occupational Exposure Limit Values

No information available

#### Biological Limit Values

No information available

### Monitoring Methods

EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.  
GBZ/T 160 Determination of toxic substances in workplace air (Series effective standard) and GBZ/T 300 Determination of toxic substances in workplace air (Series standard).

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### Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.  
Ensure that eyewash stations and safety showers are close to the workstation location.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Set up emergency exit and necessary risk-elimination area.

### Personal protective equipment

#### Eye Protection

Tightly fitting safety goggles (approved by EN 166(EU) or NIOSH (US)).

#### Hand Protection

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374 (EU), US F739 or AS/NZS 2161.1 standard.

#### Respiratory protection

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

#### Skin and Body Protection

Wear fire/flame resistant/retardant clothing and antistatic boots.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	White powder
Odor	No information available
Odor Threshold	No information available
pH	No information available
Melting Point/Freezing Point (°C)	79
Initial Boiling Point and Boiling Range (°C)	326
Flash Point (°C) (Closed Cup)	Not applicable
Evaporation Rate	Not applicable
Flammability	Not combustible
Upper/lower explosive limits[%(v/v)]	Upper limit: No information available. Lower limit: No information available.
Vapor Pressure (KPa)	Not applicable
Relative Vapour Density (Air=1)	Not applicable
Relative Density (Water=1)	1.12
Solubility	0.00479g/l (25°C)
n-Octanol/Water Partition Coefficient	4.2
Auto-Ignition Temperature (°C)	No information available
Decomposition Temperature (°C)	No information available
Kinematic Viscosity (mm <sup>2</sup> /s)	Not applicable
Particle characteristics	No information available
Critical Temperature (°C)	Not applicable

## Ethyl Centralite

### Section 10: Stability and Reactivity

**Reactivity**

Contact with incompatible substances can cause decomposition or other chemical reactions.

**Chemical Stability**

Stable under proper operation and storage conditions.

**Possibility of hazardous reactions**

No information available.

**Conditions to avoid**

Incompatible materials, heat, flame and spark.

**Incompatible materials**

No information available.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11: Toxicological Information

**Acute toxicity**

Component	CAS No.	LD <sub>50</sub> (Oral)	LD <sub>50</sub> (Dermal)	LC <sub>50</sub> (Inhalation, 4h)
Ethyl Centralite, Centralite I	85-98-3	780.9mg/kg (Rat)	No information available	No information available

**Skin Corrosion/Irritation**

No information available

**Serious Eye Damage/Irritation**

No information available

**Skin Sensitization**

No information available

**Respiratory Sensitization**

No information available

**Germ Cell Mutagenicity**

No information available

**Carcinogenicity**

## Ethyl Centralite

ID	CAS No.	Component	IARC	NTP
1	85-98-3	Ethyl Centratite, Centralite I	Not Listed	Not Listed

**Reproductive Toxicity**

No information available

**Reproductive Toxicity (Additional)**

No information available

**STOT-Single Exposure**

No information available

**STOT-Repeated Exposure**

No information available

**Aspiration Hazard**

No information available

### Section 12: Ecological Information

**Acute Aquatic Toxicity**

No information available

**Chronic Aquatic Toxicity**

No information available

**Others****Persistence and Degradability**

No information available

**Bioaccumulative Potential**

No information available

**Mobility in Soil**

No information available

**Results of PBT and vPvB Assessment**

Ethyl Centralite, Centralite I does not meet the criteria for PBT and vPvB according to Regulation (EC) No 1907/2006, annex XIII.

### Section 13: Disposal considerations

**Waste Chemicals**

Before disposal should refer to the relevant national and local laws and regulation.

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## Contaminated Packaging Disposal Recommendations

Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible. Refer to Waste chemicals and Contaminated packaging.

## Section 14: Transport Information

Transporting Label	Not applicable
UN Number	-
UN Proper Shipping Name	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS
Transport Hazard Class	None
Transport Subsidiary Hazard Class	None
Packing Group	-

## Section 15: Regulatory Information

### International Chemical Inventory

Component	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECL	AIIC	ENCS
Ethyl Centraltite, Centralite I	✓	✓	✓	✓	✓	x	✓	✓	✓

<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances.
<b>TSCA</b>	United States Toxic Substances Control Act Inventory.
<b>DSL</b>	Canadian Domestic Substances List.
<b>IECSC</b>	China Inventory of Existing Chemical Substances.
<b>NZIoC</b>	New Zealand Inventory of Chemicals.
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances.
<b>KECL</b>	Korea Existing Chemicals List.
<b>AIIC</b>	Australian Inventory of Industrial Chemicals.
<b>ENCS</b>	Japan List of Existing and New Chemical Substances.

### Note

“✓”	Indicates that the substance included in the regulations
“x”	That no data or included in the regulations

## Section 16: Other Information

Creation Date	Mar.4,2025
Revision Date	Mar.4,2025
Reason for Revision	-



## Ethyl Centralite

### Disclaimer

This Safety Data Sheet (SDS) was prepared according to UN GHS the 10th revised edition). The data included was derived from international authoritative database and provided by the enterprise. Other information was based on the present state of our knowledge. We try to ensure the correctness of all information. However, due to the diversity of information sources and the limitations of our knowledge, this document is only for user's reference. Users should make their independent judgment of suitability of this information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

