



## SAFETY DATA SHEET

CENSOLVE 5L, 25L

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

#### 1.1. Product identifier

**Product name:** CENSOLVE

**Product number:** 1014C and 1014D

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

**Use of substance / mixture:** Organic solvent.

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

**Company name:** Aerosol Solutions Ltd  
Unit C2 Bridgefield Ind  
Est  
Draycott Road  
Breaston  
Derby  
DE72 3DS

**Tel:** 01332870030

**Fax:** 01332870033

**Email:** Sales@aerosolsolutions.co.uk

#### 1.4. Emergency telephone

number

**Emergency tel:** 01332870030

### Section 2: Hazards identification

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

**Classification under CLP:** Flam. Liq. 2: H225; STOT SE 3: H336; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Asp.

Tox. 1: H304

**Most important adverse effects:** Highly flammable liquid and vapour. May be fatal if swallowed and enters airways. May cause drowsiness or dizziness. Causes skin irritation. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Label elements:

**Hazard statements:** H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H315: Causes skin irritation.

H411: Toxic to aquatic life with long lasting effects.

[cont...]



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**Hazard pictograms:** GHS02: Flame

GHS08: Health hazard

GHS09: Environmental

GHS07: Exclamation mark



**Signal words:** Danger

**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P243: Take action to prevent static discharges.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P403+P235: Store in a well-ventilated place. Keep cool.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** HYDROCARBONS,C6-C7,N-ALKANES,ISOALKANES,CYCLICS,<5% N-HEXANE

**EINECS number:** 921-024-6

**REACH registered number(s):** 01-2119475514-35

**Contains:** Substance contains less than 0.1% w/w benzene.

A complex and variable combination of paraffinic and cyclic hydrocarbons having a carbon number range predominantly of C6 to C7 and boiling in the range of approximately 60C to 120C.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

**Ingestion:** Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.

**Inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

[cont...]



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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.



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### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.  
Do not handle in a confined space. Avoid the formation or spread of mists in the air.  
Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area.  
Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Original container stored in a dry and cool place.

#### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**Workplace exposure limits:** No data available.

#### DNEL/PNEC Values

##### CENSOLVE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773mg/kg	Workers	Systemic
DNEL	Inhalation	2035mg/m3	Workers	Systemic
DNEL	Dermal	699 mg/kg	Consumers	Systemic
DNEL	Inhalation	608mg/m3	Consumers	Systemic
DNEL	Oral	699 mg/kg	Consumers	Systemic

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** If exposure levels are likely to be exceeded, use a full face mask fitted with an organic AXP3 filter for short term low level exposures. For long term or high level exposures, compressed airline breathing apparatus should be used.

**Hand protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Manufactured/tested in accordance with EN374. Frequent changes are recommended. Nitrile rubber, NBR

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Chemical resistant protective clothing according to DIN EN13034 (Type 6)

[cont...]



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### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Paraffinic

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** No data available.

**Kinematic viscosity:** 0.45mm<sup>2</sup>/s

**Boiling point/range°C:** 60-95

**Melting point/range°C:** -40

**Flammability limits %: lower:** 1.1

**upper:** 7.3

**Flash point°C:** -25

**Part.coeff. n-octanol/water:** log Pow = 4 - 5.1

**Autoflammability°C:** 413

**Vapour pressure:** 2.7kPa

**Relative density:** 0.693

**pH:** N/A

**VOC g/l:** No data available.

#### 9.2. Other information

**Other information:** No data available.

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

#### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

#### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.



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### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

#### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### Section 12: Ecological information

#### 12.1. Toxicity

**Ecotoxicity values:** No data available.

#### 12.2. Persistence and degradability

**Persistence and degradability:** The product is insoluble and floats on water

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** Bioaccumulation potential.

#### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

#### 12.6. Other adverse effects

**Other adverse effects:** No data available.

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]



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### Section 14: Transport information

#### 14.1. UN number

UN number: UN3295

#### 14.2. UN proper shipping name

Shipping name: HYDROCARBONS, LIQUID, N.O.S. (HYDROCARBONS,C6-C7,N-ALKANES,ISOALKANES,CYCLICS,<5% N-HEXANE)

#### 14.3. Transport hazard class(es)

Transport class: 3

#### 14.4. Packing group

Packing group: II

#### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

#### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

### Section 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

#### 15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

### Section 16: Other information

#### Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.