



## Section 1. Product and Company Identification.

**1.1 Model Number;** AK2501 v2  
**1.2 Description;** Degreasing Solvent 1 x 25ltr Container

**1.3 Manufacturer;**  
Sealey Group.  
Kempson Way,  
Bury St. Edmunds,  
Suffolk.  
IP32 7AR

**1.4 Emergency telephone number;** 44 (0) 1284 757 500 (Office Hours)

**Date of source compilation;** 17 October 2018

## Section 2. Hazards Identification.

**2.1 Classification of the substance or mixture.**  
No data available.

**2.2 Label elements.**  
**Hazard pictogram(s)**



**Signal Word.** Danger

**Hazard statements;**  
H304 May be fatal if swallowed and enters airways

**Precautionary statements;**  
P301 + 310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
P331 Do NOT induce vomiting.

**2.3 Other hazards.**  
Vapours may form explosive mixtures with air.



## Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements <sup>1</sup>
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic,	-	60 – 100 %	-	-
1,3-dipropylcyclohexane; 2-methylundecane; undecane	-	Of which < 2 %	Asp. Tox. 1	H304

<sup>1</sup>For full text of Phrases and Statements, see Section 16.

## Section 4. First Aid Measures.

### 4.1 Description of first aid measures

#### Inhalation

In case of inhalation of spray mist: Move affected person to fresh air at once. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

#### Skin Contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

#### Eye Contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes.

Get medical attention if any discomfort continues.

#### Ingestion

DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

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

#### Inhalation

Upper respiratory irritation. Irritation of nose, throat and airway. Nausea, vomiting. Unconsciousness and convulsions can occur.

#### Skin Contact

Prolonged skin contact may cause redness, irritation and dry skin.

#### Eye Contact

May cause temporary eye irritation.

#### Ingestion

Harmful if swallowed. The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). May cause discomfort if swallowed. Nausea, vomiting. Central nervous system depression.

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

No data available.



## Section 5. Fire Fighting Measures.

### 5.1. Extinguishing media

Foam, carbon dioxide, dry powder or water fog.

DO NOT USE water jet as an extinguisher as this will spread the fire.

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

Thermal decomposition creates oxides of carbon.

### 5.3. Advice for fire-fighters

Use Self Contained Breathing Apparatus (SCBA).

## Section 6. Accidental Release Measures.

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

Ensure adequate ventilation.

No smoking.

Prevent / remove all sources of ignition.

### 6.2. Environmental precautions

Contain spillage with sand, earth or other suitable non-combustible material.

Do not allow to enter drains, sewers or watercourses.

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

Contain and absorb spillage with sand, earth or other non-combustible material.

Collect and place in suitable waste disposal containers and seal securely.

Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.



## Section 7. Handling and Storage.

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes.

Avoid inhalation of vapours and spray/mists.

Provide adequate ventilation.

Keep away from heat, sparks and open flame.

Static electricity and formation of sparks must be prevented.

Storage tanks and other containers must be earthed.

Good personal hygiene procedures should be implemented.

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

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

Keep away from heat, sparks and open flame.

Earth container and transfer equipment to eliminate sparks from static electricity.

Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Store away from the following materials: Acids. Oxidising materials.

Suitable container materials: Mild steel. Stainless steel.

### 7.3. Specific end use(s)

Intended for use as Degreasing Solvent, Model Number identified in 1.1 with Description stated in 1.2.

## Section 8. Exposure Controls/Personal Protection.

### 8.1. Control parameters

Workplace exposure limits.

Substance	CAS number	Workplace exposure limit.			
		Long term.		Short term.	
		ppm	mg.m <sup>3</sup>	ppm	mg.m <sup>3</sup>
Hydrocarbons, C11-14, n-alkanes, isoalkanes, cyclic,	-	-	1200	-	-
1,3-dipropylcyclohexane; 2-methylundecane; undecane	-	-	1200	-	-

### 8.2. Exposure controls

#### Appropriate Engineering Controls

Ensure adequate ventilation.

#### Eye/Face Protection

Chemical splash goggles. EN 166.

#### Skin Protection

Chemical resistant, impervious gloves. EN 374.

#### Respiratory Protection

In confined and poorly ventilated areas, use supplied-air respirator.



## Section 9. Physical and Chemical Properties.

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

The following information is not a technical specification or sales specification.

(a) Appearance:	Liquid.
(b) Odour:	Odourless.
(c) Odour threshold;	No data available.
(d) pH:	No data available.
(e) Melting point/freezing point;	No data available.
(f) Initial boiling point and boiling range;	190 – 280 °C
(g) Flash point;	>62 °C
(h) Evaporation rate;	600 (diethylether=1)
(i) Flammability (solid, gas);	No data available.
(j) Upper/lower flammability or explosive limits;	6 / 0.5 %
(k) Vapour pressure;	0.15 hPa 20 °C
(l) Vapour density;	>1 (air = 1)
(m) Relative density;	0.805 @ 15 °C kg/m <sup>3</sup>
(n) Solubility(ies);	No data available.
(o) Partition coefficient: n-octanol/water;	No data available.
(p) Auto-ignition temperature;	>200 °C
(q) Decomposition temperature;	No data available.
(r) Viscosity;	<=2 mm <sup>2</sup> /s 40 °C
(s) Explosive properties;	No data available.
(t) Oxidising properties.	No data available.

### 9.2 Other information

Contains a maximum VOC content of 859 mg/kg.

## Section 10. Stability and Reactivity.

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

None identified.

### 10.4. Conditions to avoid

Heat, flames, sources of ignition.

### 10.5. Incompatible materials

Strong acids. Strong oxidising agents.

### 10.6. Hazardous decomposition products

Thermal decomposition creates oxides of carbon and aldehydes

## Section 11. Toxicological Information.

### 11.1. Information on toxicological effects

No data available.



## Section 12. Ecological Information.

### 12.1. Toxicity

#### Aquatic toxicity

Acute toxicity - fish	LC 50, 96 Hrs, >1000 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC 50, 48 Hrs, >250 mg/l, Daphnia
Acute Toxicity - Aquatic Plants	IC <sub>50</sub> , 72 hours: 20 mg/l, Algae

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

Product has the potential to bio-accumulate.

### 12.4. Mobility in soil

Not identified.

### 12.5. Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

### 12.6. Other adverse effects

No data available.

## Section 13. Disposal Considerations.

### 13.1. Waste treatment methods

Dispose of Degreasing Solvent and container in accordance with local authority regulation.

Do not dispose of with domestic waste.

## Section 14. Transport Information.

Not regulated for transport.



**Section 15. Regulatory Information.**

**15.1.** Safety, health and environmental regulations/legislation specific for the substance or mixture  
No data available.

**15.2.** Chemical safety assessment  
No data available.

**Section 16. Additional Information.**

Full text of Phrases and Statements used in Section 3;

H304 May be fatal if swallowed and enters airways.

The above information is believed to be accurate and represents the best information currently available.  
No warranty is expressed or implied by the above information.  
We assume no liability resulting from use of the above information.  
The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	06/11/14	First issue.
2	14/05/19	Section 3

End of Safety Data Sheet.