

SAFETY DATA SHEET



AK2501.V2 SOLVENT DEGREASER

1. SUPPLIER

Sealey Quality Machinery,
Kempson Way,
Suffolk Business Park,
Bury St. Edmunds,
Suffolk. IP32 7AR.

Telephone: 01284 757500
Fax: 01284 703534
e-mail: sales@sealey.co.uk

2. APPLICATION

Degreasing solvent for use in cleaning tanks.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Name	Weight %	EINECS No.	CAS-No.	EC-Index	Classification
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	100	265-149-8	64742-47-8	649-422-00-2	Xn;R65. R66

The Full Text for all R-Phrases are Displayed in Section 15

4. HAZARD IDENTIFICATION

Prolonged or repeated exposure may cause skin dryness or cracking.
Harmful: may cause lung damage if swallowed.
Classification: Xn;R65, R66.

5. 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 warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

EYE CONTACT - Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. holding the eyelids apart, seek medical advice.

SKIN CONTACT - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT use solvents or thinners.

INGESTION - If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

6. FIRE-FIGHTING MEASURES

Flash point: °C 75
limits: - lower 0.6
- upper 8.0

Auto ignition Temperature: °C 225 (Approx).
vol. %
vol. %

Suitable media: Alcohol resistant foam. Fog - in the absence of fog a fine spray may be used.

Unsuitable media: DO NOT use water jet.

Specific hazards: Combustible material.

May have irritant effect: on eyes, and on air passages.

Equipment : Breathing apparatus plus protective gloves. Eye protection.

Additional advice:

7. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

Keep container(s) cool by spraying with water if exposed to fire.

Contain spillages with sand, earth or any suitable adsorbent material.

Do not discharge into drains, water courses or onto the ground.

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Clean-up personnel should use respiratory and/or liquid contact protection. Avoid contact with skin, eyes and clothing.

Goggles giving complete protection to eyes. Eyewash bottle with clean water.

Dam and absorb spillages with sand, earth or other non-combustible material.

Collect spillage with shovel, broom or the like and reuse, if possible. Dispose of large amounts of spillage/waste according to agreement with local authorities.

8. STORAGE AND HANDLING

Handling: Ensure good ventilation and avoid breathing the vapour. Avoid contact with skin and eyes. Do not swallow.

Ensure eye wash bottle with clean water is readily available. Take precautionary measures against static discharges. Ensure all equipment is properly earthed.

Storage: Store in a cool, dry, well-ventilated place, avoiding direct sunlight. Keep away from sources of ignition - No smoking. Keep apart from oxidising substances.

Suitable Materials Mild steel, Stainless steel, Polyethylene containers, GRP.

Unsuitable Materials Butyl rubber, Rubber, Polystyrene, EDPM.

9. EXPOSURE CONTROLS PERSONAL PROTECTION

Chemical Name: Workplace Exposure Limits.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT;
KEROSENE-UNSPECIFIED.

PRODUCT - Workplace Exposure Standard: Oil mist, mineral 5mg/m³ (8 hour TWA) 10mg/m³ (15 Minute STEL) EH40UK (8hour TWA) EH40(UK) 1000 mg/m³ (Lit data)

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use engineering controls to reduce air contamination to permissible exposure level.
Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Protective gloves are recommended ie. nitrile gloves approved to BS EN 374 with a breakthrough time of >360 minutes.

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

Goggles/face shield are recommended.

HYGIENE MEASURES

Wash contaminated clothing before reuse.

Wash at the end of each work shift and before eating, smoking and using the toilet.

Wash promptly with soap & water if skin becomes contaminated.

10. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE		Liquid	
COLOUR		Colourless	
ODOUR		Hydrocarbon	
VOLATILITY DESCRIPTION		Emits vapors if heated.	
SOLUBILITY		Immiscible with water / Soluble in Organic solvents	
BULK DENSITY	805 kg/m ³	BOILING POINT (°C)	192-256 760mm
VAPOUR PRESSURE	0.04 kPa 20	RELATIVE DENSITY	0.805 15
AUTO IGNITION TEMPERATURE (°C)	230	VAPOUR DENSITY (air=1)	-7.6
FLAMMABILITY LIMIT - UPPER(%)	7.0	FLASH POINT (°C)	77° CC (Closed cup).
		FLAMMABILITY LIMIT - LOWER(%)	0.6

11. STABILITY & REACTIVITY

STABILITY: No particular stability concerns.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

HAZARDOUS DECOMPOSITION PRODUCTS: During fire, toxic gases (CO, CO₂, NO_x) are formed.

12. TOXICOLOGICAL INFORMATION

INHALATION: Not relevant at normal room temperatures. When heated, harmful vapors may be formed. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. May ultimately cause unconsciousness.

INGESTION: May cause stomach pain or vomiting. May cause lung damage if swallowed.

Significant absorption may cause sleepiness and pulmonary oedema.

SKIN CONTACT: Acts as a defatting agent on skin. May cause cracking of skin, and eczema or dermatitis.

EYE CONTACT: Contact will cause intense smarting and irritation.

Acute Toxicity Data: ORAL (ingestion) DERMAL (skin) INHALATION

LOW ODOUR KEROSENE

DISTILLATES (PETROLEUM), LD50/oral/rat =

HYDROTREATED LIGHT; KEROSENE- >5000mg/kg (Lit Data)

UNSPECIFIED.

13. ECOLOGICAL INFORMATION

Biodegradability

Readily biodegradeable.

Bioaccumulation

Likely to bio-accumulate, but with short retention of the order of a week or less.

Mobility

Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: The product has only slight mobility in the soil and will partially evaporate.

Water Solubility

Not water-soluble.

LC50 (fish) mg/l

LC50/96h/fish = > 1000 mg/l (Lit data)

EC50(daphnia) mg/l

No data available

LC (algae) mg/l

No data available

DISPOSAL CONSIDERATIONS

Waste

Send to a registered waste disposal site using the services of a Registered Waste Disposal Contractor. Ensure conformance with local and national regulations.

Packaging

Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues.

Specific Advice

Ensure conformance with local and national regulations.

14. TRANSPORT INFORMATION

Proper shipping name: Not classified as dangerous in the meaning of road and railway transport regulations.

UN No.	Not classified	Carriage Hazard Warning:	Not classified
UN Class:	Not classified	Subsidiary:	Not classified
UN Packing Group:	Not classified	TREM-CARD:	Not classified
ADR Kemlar No:		HAZCHEM EAC:	
ADR/RID			
Class:	Not classified	Item:	Not classified
TREM-CARD:	Not classified	HI/UN No:	Not classified
Proper shipping name:	Not classified as dangerous in the meaning of road and railway transport regulations		

IMO

UN-No:	Not classified	Marine pollutant:	No
Class:	Not classified	IMDG Page:	Not classified
EmS:	Not classified	MFAG:	Not classified
Proper shipping name:	Not classified as dangerous in the meaning of sea and air transport regulations.		

15. REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS RISK DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED

PHRASES R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

SAFETY PHRASES:

S2 - Keep out of reach of children.
S23 - Do not breathe vapour.
S24 - Avoid contact with skin.
S43 - In case of fire, use sand, dry chemical or alcohol-resistant foam.
S61 - Avoid release to the environment. Refer to special instructions/Safety data sheets
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.
The Control of Substances Hazardous to Health Regulations 1988.
Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.
Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.
Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

NATIONAL REGULATIONS

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.
Workplace Exposure Limits 2005 (EH40)
Health and Safety at Work Act (As Amended) 1974
Control of Substances Hazardous to Health Regulations 2002 (as amended)

16. OTHER INFORMATION

Surface Tension of this product is greater than 25 mN/m at 40°C.

As proposed in Annex 6 of the 22nd ATP, this product can avoid classification as R65 - Harmful: May cause lung damage if swallowed, due to the surface tension result above and there being no current knowledge of an associated aspiration hazard in humans.

This position should only be adopted by a Company on the specific advice of their Health and Safety Manager.

DISCLAIMER

The information in this document has been compiled on the basis of the best available knowledge in accordance with the requirements of the Chemical Hazards, Information and Packaging regulations 1994 (as amended 1999). It does not imply that the information is complete or accurate in all cases. It is the user's responsibility to satisfy themselves as to the application of the information and/or the recommendations given for their own use. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.