

AK2501 SOLVENT DEGREASER

1. SUPPLIER

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2. APPLICATION

Degreasing solvent for use in cleaning tanks.

3. COMPOSITION/INFORMATION OF INGREDIENTS

A blend of aliphatic hydrocarbon solvents and detergent(s).
For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packing) regulations 1993 see under Section 9 of this Safety Data Sheet.

4. HAZARD IDENTIFICATION

Prolonged or repeated exposure to products containing refined mineral oil or HBPF distillates may result in dermatitis unless good personal hygiene is used.
Flammable - Harmful: may cause lung damage if swallowed.

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

EXTINGUISHING MEDIA - Carbon dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam.
NOT TO BE USED - Water.

SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL - Fire will produce dense black smoke containing hazardous products of combustion (see Section 11). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.

7. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sect. 8&9. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations Do not allow large quantities to enter drains or water courses. If it does local water companies should be contacted, in case of contamination of streams, rivers or lakes the National Rivers Authority. Clean preferably with a detergent, avoid use of solvents.

8. STORAGE AND HANDLING

Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standard. Use non sparking tools & exclude sources of heat, sparks & flames Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Avoid skin & eye contact. For personal protection see Sect.9. Good housekeeping and regular removal of waste materials will minimise risks.

Store in accordance with the conditions of the licence which is necessary under the Petroleum (Consolidation) Act. See the HSE guidance note Storage of Flammable Liquids in Containers. Observe the label precautions. Store between 5 & 30°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers that are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials. The principles contained in the HSE's guidance note 'Storage of Packaged Dangerous Substances' should be observed when storing this product.

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures - Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

Substance Name	%Concentration	Symbol	OES 8hrppm	OES 15minppm	Risk Phrases
KEROSENE (PETROLEUM)	Range >80%	Xn,Xi,			65-38-66-51 /53

NOTES

Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer.

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9. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

monitoring may be appropriate (see Biological Monitoring Guidance Value in EH40 Table 3) OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

General Protection - All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Respiratory Protection - Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.

Hand Protection - Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

Eye Protection - Eye protection designed to protect against liquid splashes should be worn.

Skin Protection - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap & water or a proprietary skin cleaner.

10. PHYSICAL & CHEMICAL PROPERTIES

(Please note: These properties are for guidance only. They do not constitute a specification)

PHYSICAL STATE	<i>Clear green coloured liquid</i>	V.O.C. CONTENT	<i>0 Kgs/Lt</i>
SOLUBILITY IN WATER	<i>Partially miscible</i>	VAPOUR DENSITY	<i>Heavier than Air</i>
SPECIFIC GRAVITY	<i>.805 gms/cc Method Hydrometer</i>	LOWER EXPLOSION LIMIT	<i>-----</i>
FLASH POINT	<i>42 °C Method Abel Apparatus to British Standard BS 2000 Pt. 170</i>	VISCOSITY	<i>-----</i>

11. STABILITY & REACTIVITY

Stable under the recommended storage & handling conditions (see Sect.8). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

12. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components :- There is no data available on the product itself. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage.

13. ECOLOGICAL INFORMATION

There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

14. DISPOSAL CONSIDERATIONS

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

15. TRANSPORT INFORMATION

Road/Rail SI Number.....1993 Packing Group...III Class.....3

16. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows.

Classification	Xn - Harmful	
Contains		
Risk Phrases	10	Flammable
	65	Harmful: may cause lung damage if swallowed
Safety Phrases	2	Keep out of reach of children
	26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	46	If swallowed seek medical advice immediately and show this container or label.
'P' Phrases	Do not breathe Vapour or Spray	

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation. The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

17. OTHER INFORMATION

Text of any Risk Phrases listed in Section 8

R38	Irritating to the skin
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking

New issue results from changes in Section(s) 15

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in sect.1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.