

SAFETY DATA SHEET

ODOURLESS KEROSENE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ODOURLESS KEROSENE

PART No.: 0055

APPLICATIONS: Solvent

SUPPLIER: SAMUEL BANNER & Co Ltd
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EMERGENCY TELEPHONE(S): 0207 405 5375 (24 HOUR)

2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
A petroleum distillate with low aromatic content		64742-47-8	100 %	Xn	65 66

The full text for all R-phrases are shown in section 16

EU INDEX No.: 649-422-00-2

CAS No.: 64742-47-8

COMPOSITION COMMENTS: EINECS No: 265-149-8
Benzene (Cas No. 71-43-2) will not normally be present but will always be less than the 0.1% w/w marker level in the 21st ATP to the Dangerous Substance Directive. This Odourless kerosene is not classified as a carcinogen under 67/548/EEC and the CHIP Regulations

3 HAZARDS IDENTIFICATION

Harmful: may cause lung damage if swallowed
Repeated exposure may cause skin dryness or cracking
On the basis of information supplied it is unlikely to be hazardous to man in normal use

4 FIRST AID MEASURES

INHALATION: If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.

INGESTION: Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Do not induce vomiting because of the danger of aspiration. Ingestion of large quantities may cause nausea and diarrhoea.

SKIN: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

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EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam. Carbon dioxide (CO2). Dry chemicals sand dolomite etc. Do not use water jet

SPECIAL FIRE FIGHTING PROCEDURES: Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus

HAZARDOUS DECOMPOSITION PRODUCTS: Fire or high temperatures create: Oxides of: Carbon

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS DURING SPILL: Wear suitable protective clothing. Ensure good ventilation. Avoid breathing vapour. Repeated exposure can cause skin dryness and cracking

PRECAUTIONS TO PROTECT ENVIRONMENT:

Do not let the product or washing down water enter natural water courses or the sewers

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Wash thoroughly after dealing with a spillage. Collect with absorbent, non-combustible material into suitable containers. Dike far ahead of larger spills for later disposal. **CONTAIN SPILLAGE. DO NOT WASH SPILLAGE DOWN DRAIN.** May cause slippery surfaces

7 HANDLING AND STORAGE

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Where prolonged or repeated exposure is likely **PROTECTIVE CLOTHING** should be worn including **IMPERVIOUS GLOVES** and **EYE PROTECTION**. Follow the principles of good occupational hygiene to control personal exposures

USAGE DESCRIPTION: Use only containers, pipes, joints and seals that are resistant to hydrocarbons.

STORAGE PRECAUTIONS: Protect from light including direct sun rays. Store at moderate temperatures in dry, well ventilated area

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
A petroleum distillate with low aromatic content	64742-47-8	OEL	1000.00 mg/m3	

INGREDIENT COMMENTS: A petroleum distillate with low aromatic content (less than 1%)

PROTECTIVE EQUIPMENT:



PROCESS CONTROL MEASURES: Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station. Wash all splashes from the skin immediately

VENTILATION: Provide adequate general and local exhaust ventilation. LTEL has been established by using the Reciprocal Calculation Procedure for mixed exposures to hydrocarbon solvents in EH40

PROTECTIVE GLOVES: Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Neoprene Nitrile. Ensure gloves are manufactured/tested in accordance with BS EN 374. Determined penetration times carried out in accordance with EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time corresponding to 50% of the penetration time is recommended

EYE PROTECTION: Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION: Provide eyewash, quick drench. Wear appropriate clothing to prevent repeated or prolonged skin contact. The normal precautions relating to handling of chemicals must be observed and attention should be given to the data and recommendations contained in the Safety Data Sheet

HYGIENIC WORK ROUTINES: Promptly remove any clothing that becomes wet or contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

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9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid.	COLOUR:	Water-white
ODOUR/TASTE:	Odourless or no characteristic odour		
PHYSICAL DATA COMMENTS:	VOC Content as mg/kg : 859~		
SOLUBILITY DESCRIPTION:	Immiscible with water	BOILING POINT (°C):	200 - 260
SPECIFIC GRAVITY (Water=1):	0.81 @ 15 °C		
VAPOUR PRESSURE:	0.35kPa @ 20 °C	FLASH POINT (°C):	>70
VISCOSITY:	1.7 x 10 ⁽⁶⁾ m ² /s @ 40 °C	FLAMMABILITY LIMIT (lower %):	0.6
AUTO IGNITION TEMPERATURE (°C):	>200		
FLAMMABILITY LIMIT (upper %):	7.0		

10 STABILITY AND REACTIVITY

STABILITY:	Normally stable	Avoid: Heat, sparks, flames
MATERIALS TO AVOID:	Strong oxidizing agents	
HAZARDOUS DECOMPOSITION PRODUCTS:	High temperatures generate: Oxides of: Carbon	

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:	ASPIRATION HAZARD- Do not breathe vapour or spray. - May cause lung damage if material gets into the lungs after accidental swallowing or vomiting of ingested material. Toxicity following a single exposure to high levels of kerosines(oral,dermal inhalation) is of a very low order. Prolonged contact or repeated contact may cause drying of the skin and possibly dermatitis. Prolonged inhalation of mists may cause lung inflammation. Contact with eyes is likely to cause irritation with short term redness and stinging.
INGESTION:	Risk of severe pulmonary problems in case of accidental aspiration
SKIN:	Repeated exposure can cause skin dryness and cracking

12 ECOLOGICAL INFORMATION

MOBILITY:	Slightly soluble in water. Product floats on the surface of the water. In soil the product has only slight mobility and will partially evaporate.
BIO ACCUMULATION:	This product has the potential to bio-accumulate.
DEGRADABILITY:	The product is expected to be readily biodegradable. Persistence and degradation: Rapidly broken down by hydroxyl radicals in the troposphere. Biodegradability after 28 days was found to be 239% when expressed as a ratio of the Biochemical Oxygen Demand (BOD) to the Chemical Oxygen Demand (COD).
ACUTE FISH TOXICITY:	Ecotoxicological studies have shown a very low order of toxicity with this type of material. LC50 (96hr) - Fish >1 000 ppm; EC50 (24hr) - Daphnia > 250ppm; IC50 (72hr) - Algae 20ppm.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Confirm disposal procedures with environmental engineer and local regulations. Do not allow runoff to sewer, waterway or ground. Incinerate in suitable combustion chamber.
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14 TRANSPORT INFORMATION

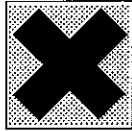
LABEL FOR CONVEYANCE:	No transport warning sign required		
ROAD:			
UN No:	N/A	ADR CLASS No:	N/A
RAIL:			
RAIL TRANSPORT CLASS No:	N/A		
SEA:			
SEA TRANSPORT CLASS No:	N/A		

ODOURLESS KEROSENE

AIR:
AIR TRANSPORT CLASS No: N/A

15 REGULATORY INFORMATION

EEC (EINECS) No.: 265-149-8
LABEL FOR SUPPLY:



HARMFUL

RISK PHRASES:	R-65 R-66	Harmful: may cause lung damage if swallowed Repeated exposure may cause skin dryness or cracking
SAFETY PHRASES:	S-2 S-24 S-61 S-62 S-23 S-43	Keep out of reach of children Avoid contact with skin Avoid release to the environment. Refer to special instructions/ Safety Data Sheets If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label Do not breathe vapour or spray In case of fire use foam/dry powder/Co2 - NEVER USE WATER.

16 OTHER INFORMATION

USER NOTES: Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapours may explode on ignition; do not cut, drill, grind or weld on or near this container. For further Health and Safety information contact: Health and Safety Officer

REVISION COMMENTS: Amendment to section/s :- (2) (16) Classification Packaging and Labelling of Chemicals: CHIP 3

REVISION DATE: 01/07/02

REVISION No. /REPLACES SDS ISSUED: 07-14/08/00

SDS No.: 0055

R-PHRASES (Full Text): R-66 Repeated exposure may cause skin dryness or cracking
R-65 Harmful: may cause lung damage if swallowed.

SAFETY DATA SHEET STATUS: Approved.

DATE: 01/07/02

SIGNATURE: D Dalton

DISCLAIMER

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