

KOOL KUT AL

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	Kool Kut AL	53 ASSEMBLY DRIVE
Manufacturers Code:	KKAL-1 KKAL-5, KKAL-20, KKAL-205	TULLAMARINE VIC 3043
Date:	1 July 2007	(03) 9338 6655 (BH) (03) 9336 7945 (AH)

STATEMENT OF HAZARDOUS NATURE:

*HAZARDOUS ACCORDING TO THE CRITERIA OF
WORKSAFE AUSTRALIA*

U/N NO	N/A	DANGEROUS GOODS GLASS	N/A
HAZCHEM CODE	N/A	POISONS SCHEDULE	N/A

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance:	Amber Liquid	Odour:	Mild
Auto ignition Temperature:	>150°C	Flash Point (°C):	>100°C
Boiling Point (°C):	>100°C	Flammability Limits (%):	N/A
Vapour Pressure:	Low (not measured)	Solubility in Water:	Miscible
Specific Gravity (20°C):	0.99	Vapour Density:	N/A
Evaporation Rate:	N/A	Percent Volatiles:	N/A

INGREDIENTS:

Information on Composition: This product is manufactured from highly refined mineral base oils, emulsifiers and corrosion inhibitors, with non-phenolic coupling agents and additional performance additives.

Chemical Entity	W%W	CAS No:	UN No:
Highly refined mineral oil.	25-60%		
Alkanolamine esters and reaction products.	25-60%	Mixture	
2-(2-Butoxyethoxy) ethanol	1-10%		
Sodium sulphonate	1-10%	Mixture	
Oxazolidine biocide	1-5%	Not available	

HAZARDS IDENTIFICATION:

HEALTH EFFECTS:

SWALLOWED

The product has a low order of acute oral toxicity – ingestion is not regarded as a significant health hazard likely to arise in normal use. Swallowing significant quantities may cause discomfort, nausea, irritation of digestive tract and diarrhoea. Aspiration into the lungs caused by vomiting or regurgitation following ingestion can be hazardous with possible resultant chemically induced pneumonia.

EYE

Eye contact with the undiluted product may cause strong irritation and stinging. There may be a potential to cause corneal injury if treatment is not prompt. Diluted emulsions are expected to cause only slight transient irritation or redness.

SKIN

The undiluted product in brief or occupational skin contact may cause slight irritation, which may become more intense if not promptly removed. Prepared emulsions are surface active and slightly alkaline and prolonged or repeated contact with them, especially if the emulsions are over-strength, may cause defatting of the skin, slight irritation and dermatitis.

INHALED

The product is unlikely to present any significant inhalation hazard at ambient temperatures. High temperatures or atomising systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract. Repeated excessive exposures to oil mists may cause respiratory damage and a condition resembling pneumonia.

FIRST AID MEASURES:

SYMPTOMS & EFFECTS	Irritation of the eyes and skin. May cause an allergic skin reaction in sensitive individuals.
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INHALATION	In the unlikely event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.
SKIN	Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. Wash/laundry contaminated clothing before re-use.
EYE	Immediately wash eye thoroughly with plenty of clean water ensuring eyelids are held open. For contact with undiluted fluid, obtain prompt medical attention. For contact with diluted fluid, obtain medical attention if irritation or redness persists, or as an additional precaution.
INGESTION	Wash out mouth with water and obtain medical attention. Do not induce vomiting.

FIRST AID MEASURES:

ADVICE TO DOCTOR	Treat symptomatically.
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FIRE FIGHTING MEASURES:

SPECIFIC HAZARDS	Combustible. Keep storage tanks, pipelines, fire-exposed surfaces etc. cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition.
EXTINGUISHING MEDIA	Small fires: Foam, dry powder, carbon dioxide, sand or earth. Large fires: Foam or water fog. – DO NOT USE WATER JETS.

TRANSPORT:

TRANSPORT INFORMATION	Not classified as a Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Rail and Road.
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ACCIDENTAL RELEASE MEASURES:

ENVIRONMENTAL PRECAUTIONS	Follow state or local authority regulations and guidelines for disposal of the waste. Clean area with detergent and water. Do not allow product to enter drains, sewers or watercourses – inform the local authorities if this occurs.
SPILLAGE SMALL	Prevent entry to drains or watercourses. Spillage can be slippery. Soak in absorbent granules or sand.
SPILLAGE LARGE	Bund using absorbent granules, sand or earth. Reclaim liquid directly or soak in an absorbent medium and transfer to a suitable marked container.

HANDLING & STORAGE:

HANDLING	Avoid contact with eyes – wear chemical goggles when handling the undiluted product. Avoid skin contact with the undiluted product. The use of appropriate barrier and after-work creams may be beneficial.
STORAGE	Classed as a class C1 combustible liquid for storage and handling purposes. Store in dry conditions protected from frost and elevated temperature. Store in original containers or in other mild steel or high-density polyethylene containers, which are closable and clearly labelled.
STABILITY:	This product is stable and unlikely to react in a hazardous manner under normal conditions of use. CONDITIONS TO AVOID: Extremes of temperature. Do not heat above 60 °C in the presence of aluminium as, in certain circumstances, hydrogen gas could be evolved.

CONTACT POINT

Contact:	WALLY DAY
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