

MATERIAL SAFETY DATA SHEET

PRODUCT: K O DEGREASER

UN No: 1824	Packaging Group	II
Class: 8	Hazchem:	2R
Sub-Risk N/A	Poisons Schedule:	S6

Section 1 – Product Identification

Trade Name:	KO Degreaser
Distributor:	Aegis Oil Limited
Emergency Phone No:	0800 655645
Regular Phone No:	0800 655645
Address:	495 Hauraki Road Turua Thames

Section 2 – Ingredients

Material/Component	G/L	CAS Number
Ethylene Glycol Monobutyl Ether	20	111-76-2
Alkaline Builders	>10>60%	
Sequestrants	<19%	
Surfactants	<10%	
Perfume	<10%	
Water	to 100%	

Section 3 – Physical Properties

Boiling Point °C	100	Volatiles:	N/A
Melting Point °C	0	Press@20C mm hg:	N/A
Specific Gravity	1.00	VAP Density:	N/A
Sol In Water (g/l)	completely	pH at use dilution:	13
Appearance	Light purple liquid	pH:	14
Evaporation Rate (nButyl Acetate=1)			N/A

Section 4 – Fire and Explosion Data

Flash Point: N/A	Method: N/A
Flammability Limited in Air (% Volume)	
Lower: N/A	Upper: N/A
Fire Extinguishing Media: N/A	
Special Fire Fighting Procedures: N/A	
Unusual Fire and Explosion Hazards: N/A	

Section 5 – Health Hazard Data

When used in accordance with product label and this MSDS no adverse effects are anticipated.

Oral LD50(RAT):	530-3000mg/kg
Dermal LD50(RABBIT):	100-500mg/kg (Rabbit)
TLV:	25ppm, 8 hours time weighted average, skin notation.
Odour Threshold:	0.4 ppm
Inhalation LC50:	450-490 ppm/4H

NOTE: Product is absorbed through skin. Exposure standard is invalidated if such contact occurs.

Health Effects

Swallowed: Toxic, liable to cause nausea and vomiting, irritation of gastrointestinal tract, loss of consciousness and possible death.

Eyes: Moderate eye irritant, vapour can also irritate eyes.

Skin: Irritant. Prolonged or repeated exposure can lead to dermatitis. Solvent readily absorbed through skin in harmful amounts.

Inhalation: Vapour is irritant to mucous membranes and respiratory tract. Inhalation of high concentrations (>300-600ppm) can cause central nervous system depression, which can lead to loss of coordination, impaired judgement and if exposure is prolonged, unconsciousness.

Sub-Chronic: Evidence from animal tests indicate that repeated or prolonged exposure to the chemical could result in liver, kidney, blood and central nervous system reproductive disorders.

Emergency and First Aid Procedures

Eyes: Hold eyes open and flush with water for at least 15 minutes, seek medical attention promptly.

Skin: Remove contaminated clothing, wash thoroughly with soap and water. Wash clothing before re-use.

Inhalation: Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing is labored and patient cyanotic (blue) ensure airways are clear and have qualified person give oxygen through face mask. If breathing has stopped apply artificial respiration at once. In event of cardiac arrest apply external cardiac massage. Seek medical advice.

Swallowed: Rinse mouth with water. Give plenty of water to drink. If more than 15 minutes from hospital induce vomiting using fingers in throat or ipecac syrup. If vomiting occurs, place victims face downwards, head lower than hips to prevent vomit entering lungs. Seek medical assistance immediately.

Section 6 – Reactivity Data

Stability: Stable

Conditions to avoid:

Incompatibilities: Oxidising agents, anionic surfactants.

Hazardous decomposition products: Toxic fumes of chlorides, nitrogen oxides, carbon dioxide on combustion or oxidation.

Section 7 – Spill or Leak Procedures

Spill or Leak: Contain spill with sand or earth. Wash remainder to sewer with copious amounts of water. Do not allow to enter storm water drains, or water courses. Gather up absorbent for disposal according to regulations.

Waste Disposal: Do not dump large quantities into biological treatment ponds.

Section 8 – Special Protection Information

Ventilation: N/A
Personal Protection: Eye Protection

Section 9 – Special Precautions

Handling & Storage: Avoid breathing vapour or mist. Use in well ventilated area and avoid skin and eye contact. Wear rubber or PVC gloves and eye protection.

Section 10 – Contact Points

Organisation	Telephone
Poisons Info Centre	03 4747000
Aegis Oil Ltd	0800 655645
Fire Brigade	111
Police	111

Section 11 – Notes

The information contained in this data sheet is believed to be accurate, to the best of Cargroomers Australia Pty Ltd's knowledge. It is meant to describe safety requirement of our products and should not be construed as guaranteeing specific properties.

The information is not intended as an inducement to bargain and no warranty expressed or implied is made as to its accuracy, reliability or completeness.