

EASY CUT 46

MATERIAL SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	EASY CUT OIL 46 EC46205 1 February 2009	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 (03) 9338 6655 (BH) (03) 9336 7945 (AH)
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STATEMENT OF HAZARDOUS NATURE:

NON HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

U/N No	NA	Main Class	NA
Subsidiary Risk:	NA	HAZCHEM	NA
Poisons Schedule:	NA	CAS No	NA

PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	Clear light brown oil	Odour:	Slight Oily Odour
Density:	@15°C 0.879 Kg/L	Vapour Pressure:	Neg kPa @ °C
Flash Point:	213°C (COC)	Non-Piloted Ignition Temp	N/D°C
Flammable Limits	LEL: N/D%	Solubility in Water:	Insoluble
Boiling Point:	>350°C	Viscosity	@40°C 42 CST
Vapour Density:	(cf Air=1): N/A	Evaporation Rate:	N/A
:UEL	N/D%	pH	N/A

PROPORTION (% weight per weight)

VHIGH > 60. HIGH 30 – 60 MED 10 – 29 LOW 1 – 9 VLOW < 1

USES

Neat cutting oil used in a wide range of machining applications.

INGREDIENTS:

Chemical Entity	W%W	CAS No:	PROPORTION
Heavy Solvent-dewaxed paraffinic oil		84742-85-0	HIGH . 60%
Sulphurised fatty ester		Not known	LOW < 10%
Long chain paraffinic Hydrocarbons		Not Known	LOW < 10%

SAFE HANDLING INFORMATION

Storage & Transport:	Classified as a C2 Combustible Liquid for the purpose of storage and handling, in accordance with Australian Standard AS 1940. Refer to State Regulations for storage and transport regulations. Store in a well ventilated place away from ignition sources, oxidizing agents, foodstuffs and clothing. Keep containers closed when not in use.
Spills & Leaks:	Remove all sources of ignition. Slippery when spilt. Avoid accidents. Clean up immediately. Wear protective equipment to prevent skin and eye contact and inhalation of vapours. Contain using sand or soil – prevent run off into sewers, drains and waterways, advise local authorities immediately if release into sewer and / or waterways is expected to have occurred. Collect by vacuum truck or absorbent material and seal in properly labelled drums for disposal. Wash area down with detergent and excess water.
Waste Disposal:	Refer to State Land Waste Management Authority.
Fire & Explosion Data:	Flash Point: <200°C (COC) Combustible liquid, will burn if involved in a fire, but not considered a significant fire risk. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of combustion. Keep storage tanks, pipelines, and fire exposed surfaces cool with water spray. Shut off any leak, if safe to do so and remove from ignition sources.
Extinguishing Media:	Cooling by water jets, water spray, and water fog. Extinguishing by foam, CO2 (carbone dioxide) or dry agent (dry chemical powder).

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Swallowed:	May cause mild irritation of mouth, throat and stomach with nausea and mild diarrhoea. Aspiration (liquid in lungs) of vomited material may cause pneumonitis. Unlikely owing to high viscosity of oil
Eye:	May cause some irritation.
Skin:	May cause some skin irritation with prolonged and repeated contact. Medical advice should be sought as to the need for periodic skin examination or in the case of any skin abnormality from the repeated / prolonged handling of the oils. Used cutting oil is more irritating than unused cutting oil
Inhaled:	Can cause irritation to the nose, throat, and upper respiratory tract. Prolonged high exposure may cause more serious effects.

TREATMENT

Swallowed:	Do NOT induce vomiting. Give water to drink. Seek immediate medical assistance.
Eye:	Immediately irrigate eyes, with water eyelids held open with copious quantities of clean water for at least 15 minutes. If irritation persists seek medical advice.
Skin:	Wash contaminated skin with soap and clean water. Remove contaminated clothing and wash before re-use, discard internally contaminated items, like gloves and footwear. If irritation occurs seek medical advice.
Inhaled:	Remove victim for exposure to fresh air – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. If NOT breathing apply artificial respiration and seek URGENT medical attention. Allow patient to assume most comfortable position and keep warm. Keep victim at rest until fully recovered. Seek medical advice, if any effects persist.
Advice to Doctor:	Pre-existing skin disorders may be aggravated by exposure to this product. In general emesis induction is unnecessary with high viscosity, low volatility products such as oils and greases.

PRECAUTIONS FOR USE:

Exposure Standards:	TWA:	Time Weighted Average airborne concentrations over an eight hour working day, for five day working week over an entire working life. (Oil Mist) 5mg/m ³
	STEL:	Short Term Exposure Limit average airborne concentration over a 15 minute period, which should not be exceeded at any time during a normal 8 hour day. (Oil Mist) 10mg/m ³
Ventilation:		Special ventilation is NOT normally required due to low volatility of the product at normal temperatures. In the operation of certain equipment or at higher temperatures, mist or vapour may be generated and exhaust ventilation should be used to maintain airborne concentration levels below the exposure standard. Where no exposure standard is stated, keep as low as practicable.

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Product Name:	EC46205	53 ASSEMBLY DRIVE
Manufacturers Code:	1 February 2009	TULLAMARINE VIC 3043
Date:		(03) 9338 6655 (BH)
		(03) 9336 7945 (AH)

Personal Protection:	Overalls, Safety Shoes, Goggles, Gloves, Respirator Avoid skin and eye contact and inhalation of vapour and mist. If exposure is likely, personal protective equipment as appropriate and to the degree of exposure should be used. Wear PVC apron with sleeves or PVC coveralls. Chemical goggles and PVC or rubber gloves and boots. Where the concentration of vapour or mist is expected to reach exposure limits use the following equipment. Short elevated exposures, spillage – goggles and correct respiratory protection should be worn. If exposure limits exceed 10 times concentration limits, air supplied apparatus should be used. Prolonged elevated exposures, full face air supplied or self contained breathing apparatus to be used complying with AS1716-1984 "Respiratory Protective Devices".
Contamination:	Change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene. Eye wash fountain and safety showers should be available for emergency use.

CONTACT POINT

Contact:	WALLY DAY 03 9338 6655
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