

# ENGINE PARTS CLEANER

## MATERIAL SAFETY DATA SHEET

MSDS No:		<b>QUICK SMART PRODUCTS</b>
Product Name:	ENGINE PARTS CLEANER	<b>53 ASSEMBLY DRIVE</b>
Manufacturers Code:	FM68	<b>TULLAMARINE VIC 3043</b>
Date:	1 November 2006	<b>(03) 9338 6655 (BH)</b>
		<b>(03) 9336 7945 (AH)</b>

**STATEMENT OF HAZARDOUS NATURE:** HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

### IDENTIFICATION

U/N No	1759	Dangerous Goods Class	8
Hazchem Code	4WE	Poisons Schedule	S6
Packaging Group	II	EPG	8A1

### PHYSICAL DESCRIPTION / PROPERTIES

Appearance:		Odour:	
Autoignition Temperature:		Flash Point(°C):	
Boiling Point (°C):		Flammability Limits(%):	
Vapour Pressure:		Solubility in Water:	
Specific Gravity (20°C):		Vapour Density:	
Evaporation Rate:		Percent Volatiles:	

### INGREDIENTS:

Chemical Entity	W%W	CAS No:	UN No:
Sodium Hydroxide	50-70%	1310-73-2	1823/1824
Phosphorylated Alcohol Ethoxylate	1-10%	39464-66-9	N/A
Fatty Alcohol Surfactant	1-10%	N/A	N/A
C12-15 Ethoxylated Propoxylated Alcohols	1-10%	68551-13-3	N/A
Sodium Alkylbenzene Sulphonate	1-10%	68081-81-2	N/A
Tetra Sodium Edetate	1-10%	64-02-8	N/A

### SAFE HANDLING INFORMATION

<b>Storage &amp; Transport:</b>	Classified as an 8 (Corrosive) Dangerous Substance for the purpose of transport. Refer to relevant regulations for storage and transport requirements. Keep containers closed at all times. Store away from acids. Do not store in aluminium or galvanised containers. Keep dry. Reacts exothermically with water. Heat evolved may cause boiling and splattering. Check regularly for spills and leaks.
<b>Spills &amp; Leaks:</b>	Work up wind. Increase ventilation. Clear of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination and inhalation of dust. Sweep up, but avoid generating dust. Collect and seal into mild steel drums and clearly label. Wash area down with large quantities of water. Caution - heat may be evolved.
<b>Waste Disposal:</b>	Refer to State Land Waste Management Authority. Can be dissolved carefully in water and greatly diluted or carefully neutralised with dilute acid and flushed to drain with copious amounts of water.
<b>Fire &amp; Explosion Data:</b>	Product is non combustible.

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### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS

<b>Swallowed:</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain, swelling of the larynx and subsequent suffocation, perforation of the gastrointestinal tract, cardiovascular collapse, coma and death.
<b>Eye:</b>	A severe eye irritant. Contamination of the eyes can result in permanent injury. Corrosive to eyes; contact can cause corneal burns.
<b>Skin:</b>	Contact with skin will result in severe irritation. Repeated or prolonged skin contact may lead to irritant contact dermatitis. Corrosive to skin - may cause skin burns. Skin contact often does not cause pain, thus care should be taken to avoid contaminating gloves and boots.
<b>Inhaled:</b>	Inhalation of dust will result in respiratory irritation. Possible harmful corrosive effects include lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

### TREATMENT

<b>Swallowed:</b>	Immediately rinse mouth with water. Give water or milk to drink. <b>DO NOT</b> induce vomiting. If vomiting occurs, place victim's face downward, head lower than hips to prevent vomit entering lungs. Seek immediate medical attention.
<b>Eye:</b>	Rinse immediately with plenty of water for at least 15 minutes, eyelids to be held open, continue treatment while transporting to hospital or medical centre.
<b>Skin:</b>	Remove contaminated clothing and shoes and wash all contact areas thoroughly with water for at least 15 minutes. If swelling, redness, blistering or irritation occurs seek medical advice. Wash contaminated clothing before re-use.
<b>Inhaled:</b>	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. For all but the most minor symptoms arrange for patient to obtain immediate medical advice.

### PRECAUTIONS FOR USE:

<b>Exposure Standards:</b>	TWA for sodium hydroxide is 2mg/m <sup>3</sup> . As published by the National Occupational Health and Safety Commission. (Worksafe Australia)
<b>Ventilation:</b>	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Avoid generation and inhaling dusts.
<b>Personal Protection:</b>	Avoid all contact and inhalation of dust. Wear overalls, chemical goggles and impervious gloves. Use adequate ventilation. Where concentrations in air may exceed the limits, indicated above, the use of approved respirators (AS1715 and AS1716) may be necessary. Always wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and protective equipment before storing or re-use.
<b>Flammability:</b>	Substance is non-combustible.

### CONTACT POINT

<b>Contact:</b>	WALTER DAY
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