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كيماويات السعودية

Saudi Chem

# HAZM 200

O-KLEEN

## PRODUCT DATA SHEET

### PRODUCT DESCRIPTION

A unique, safe cleaner and degreaser whose active ingredients are all derived from orange oils and with a flash point of 690C.

### PRODUCT APPLICATION DETAILS

It is an effective cleaner which has no hazards under current or pending Health and Safety or Environmental regulations. In most applications it will replace chlorinated, paraffin based and aqueous systems in cleaning up hydrocarbon residues. As a heavy duty degreaser for removing mineral oil residues such as diesel, heavy fuel oil, grease, drilling mud, tar, asphalt or bitumen. Use it also to remove hot melt adhesives, waxes, mastic residues, oil based inks and uncured oil based paint. It will even help to remove chewing gum. **HAZM 200** will not damage metals, cured resins or painted surfaces. Where there is a repeated or extended contact rubber O ring, seals and gaskets will be damaged unless they are fluoroelastomers. Silicone seals will also be damaged. **HAZM 200** is ideal for cleaning up oil spill from hard surfaces or water. Use for tank cleaning or washing parts. **HAZM 200** when used for cleaning operations where drainage is to interceptor will greatly improve the quality of effluent discharge. **HAZM 200** will not mix with water, so it cannot be diluted. The product should always be used without the addition of heat. It can be used in any standard cleaning system including hand wiping or swabbing, ultrasonic baths, spray, dip tank or parts washer. For cleaning areas of oily concrete or large areas of metal, pressure washers can be used. There are established techniques for cleaning tanks, interceptors and other installations. Technical advice is available on a project by project basis to ensure the adoption of best practice. Where the residue contains water, instant separation will occur provided no emulsifiers are entrained in the mixture.

### PRODUCT HANDLING DETAILS

On flat surfaces one litre of **HAZM 200** will cover approximately 20m<sup>2</sup>. per litre. Where recovery is possible or circulation systems are practical, **HAZM 200** should be reused until saturation point has been reached. **HAZM 200** will evaporate to dryness, but its evaporation rate is slower than that of many other solvents. Where production processes require faster rates of drying, the speed can be increased by the use of moving air with or without the addition of heat. **HAZM 200** contains no harmful ingredients. It is not toxic. It is not carcinogenic, not aggressive and is fully biodegradable within 28 days. **HAZM 200** has a high flash point and is not classified as flammable. It is still combustible so should not be used near naked flames or other open sources of ignition. Although standard tests show that **HAZM 200** is not an irritant, the contaminants it is being used to remove might be. It is therefore recommended that solvent resistant gloves be worn, especially where prolonged exposure or sensitive skin are involved. No other specific safety precautions are required beyond those which are appropriate for good engineering practice. For the purposes of disposal, **HAZM 200** is classed as waste oil. Since disposal is normally required only when it is in a dirty state, the classification will be determined by the worst contaminant. Always use a licensed waste carrier and never discharge to drain or controlled waters. **See separate MSDS for details.**

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