



# Material Safety Data Sheet

8373		Version nr : 1.00		Revised : 25/10/2005	
				Supersedes : / /	
<b>1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING</b>					
<u>Product Information</u>					
Commercial Product Name		710 2T			
Product code		8373			
Use of the Substance/Preparation		2 Stroke engine lubricant			
<u>Manufacturer, importer, supplier</u>					
Supplier		MOTUL - Regulation Departement Zone Industrielle - Chemin du Corps de Garde 77360 VAIRES SUR MARNE - FRANCE			
Telephone		33.1.64.72.86.23			
Telefax		33.1.64.72.86.28			
<b>EMERGENCY TELEPHONE NUMBER</b>		<b>ORFILA : 33.1.45.42.59.59</b>			
Responsible Department		Health and Safety Department			
<b>2. COMPOSITION/INFORMATION ON INGREDIENTS</b>					
Identification of the preparation					
<u>Hazardous components</u>		<u>Weight %</u>		<u>CAS-No.</u>	
Naphtha (petroleum), hydrotreated heavy; Low boiling point thermally cracked naphtha		< 30 %		64742-48-9	
R10,Xn,R65,R66				<u>EINECS-No.</u> 265-150-3	
<b>3. HAZARDS IDENTIFICATION</b>					
<u>EC Label</u>					
Specific hazards		The product contains no substances known to be hazardous to health in concentrations which need to be taken into account. Petroleum-derived severely refined mineral-base product in which the polycyclic aromatic hydrocarbons (PCA or PAH) content, measured by IP 346, is less than 3%, none under normal use			
- physico-chemical properties		No hazards resulting from material as supplied.			
- properties affecting health		None known			
- environmental properties		Ecological injuries are not known or expected under normal use.			
<b>4. FIRST AID MEASURES</b>					
General advice		In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).			
- Inhalation		Move to fresh air.			
- Eye contact		If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids.			
- Skin contact		Consult a physician if necessary Take off all contaminated clothing immediately.			
- Ingestion		Wash off immediately with soap and plenty of water. Clean mouth with water and drink afterwards plenty of water.			

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Do not induce vomiting without medical advice.				
<b>5. FIRE-FIGHTING MEASURES</b>				
- Suitable extinguishing media		dry powder foam carbon dioxide (CO2) high volume water jet		
- Extinguishing media which must not be used for safety reasons				
- Specific hazards		Incomplete combustion produces toxic gases, such as CO, CO2, various forms of hydrocarbons, aldehydes etc., and soots. Inhalation is extremely dangerous.		
- Specific methods		In the event of fire, wear self-contained breathing apparatus.		
- Under fire conditions:		Dispose of promptly.		
<b>6. ACCIDENTAL RELEASE MEASURES</b>				
Personal precautions		Depending on the risk of exposure, wear gloves, goggles, and protective clothing.		
Environmental precautions		Choose body protection according to the amount and concentration of the dangerous substance at the work place. Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained. For environmental protection remove and wash all contaminated protective equipment before re-use.		
Methods for cleaning up		Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contaminated surfaces will be extremely slippery. Prevent product from entering drains. Use personal protective equipment. Shovel into suitable container for disposal.		
<b>7. HANDLING AND STORAGE</b>				
Handling				
- Technical measures/Precautions		Provide sufficient air exchange and/or exhaust in work rooms. Uncontrolled disposal or recycling of this packaging is not permitted and can be dangerous.		
- Safe handling advice		Avoid contact with skin and eyes.		
Storage				
- Technical measures/Storage conditions		Use only receptacles, joints, pipes, etc, which are resistant to hydrocarbons. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from food, drink and animal feeding stuffs. Keep at temperatures between 4 and 50 °C. Do not let product enter drains. Keep out of reach of children. Do not smoke.		

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- Incompatible products		Store in original container. Keep in a banded area. Incompatible with oxidising agents.		
8. EXPOSURE CONTROLS / PERSONAL PROTECTION				
				
<b>Personal protective equipment</b>				
Respiratory protection		Breathing apparatus needed only when aerosol or mist is formed.		
Hand protection (EN 420, EN 374-3)		protective gloves		
		Glove material : nitrile rubber		
		Layer thickness : 0,11 mm		
		Breakthrough time : > 480 Min.		
Eye protection (EN 166)		safety glasses		
Skin and body protection (DIN - EN 465)		As required, wear a face mask, fluid-proof protective clothing, and safety boots (when handling drums)		
		Don't wear ring, watch or similar thing which will be able to hold the product and may give rise to some skin diseases,		
Hygiene measures		Avoid contact with skin, eyes and clothing.		
		Contaminated equipment (brushes, rags) must be cleaned immediately with water.		
9. PHYSICAL AND CHEMICAL PROPERTIES				
Form		liquid		
Colour		amber		
pH		Not applicable		
Flash point				
open cup		88 °C NF 07-019		
Water solubility		insoluble		
Solubility in other solvents		Soluble in hydrocarbons		
		soluble		
Viscosity		46 mm²/s 40 °C NFT 60-100		
Explosion limits		not applicable		
Specific gravity		866 kg/m3 15°C NF T 60-101		
Pour point:		- 57°C ASTM D 97		
10. STABILITY AND REACTIVITY				
Stability		Stable at normal conditions		
Materials to avoid		Incompatible with oxidising agents.		

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Hazardous decomposition products		Incomplete combustion produces toxic gases, such as CO, CO2, various forms of hydrocarbons, aldehydes etc., and soots. Inhalation is extremely dangerous.		
11. TOXICOLOGICAL INFORMATION				
<u>Local effects</u>		The following toxicological data shown are those obtained from tests on products of similar composition in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.		
<u>Acute toxicity</u>		Health injuries are not known or expected under normal use.		
Ingestion		Weakly toxic		
Eye contact		Mild eye irritation		
Skin contact		Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.		
Inhalation		Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons.		
Chronic toxicity		Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product. The toxicological data has been taken from products of similar composition. (in accordance with The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994.		
12. ECOLOGICAL INFORMATION				
Mobility		Soil : In consideration of its physical and chemical characteristics, the product has only slight mobility in the soil. Water : Insoluble, the product spreads over the surface of the water. Do not flush into surface water or sanitary sewer system.		
Aquatic toxicity		no data available		
Ecotoxicity effects				
13. DISPOSAL CONSIDERATIONS				
Waste from residues / unused products		Send to an approved Waste Collector Collect all waste in suitable and labelled containers and dispose of in compliance with licence from HMIP issued under sections 6 & 7 of the Radioactive Substances Act 1960. Do not flush into surface water or sanitary sewer system.		
Contaminated packaging		Where possible recycling is preferred to disposal or incineration. The user's attention is drawn to the possible existence of local regulations regarding disposal. Send to an approved Waste Collector In accordance with local and national regulations.		
EWC waste disposal No: NOTE		130202 - non-chlorinated engine, gear and lubricating oils "Avis relatif à la nomenclature ds déchets du 11/11/1997"		
14. TRANSPORT INFORMATION				
<u>Land transport</u>		not regulated		
Class				

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