



Material Safety Data Sheet

8374	Version nr : 1.00	510 2T	
Revised : 31/01/2006 Supersedes : / /			
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING			
<u>Product Information</u>			
Commercial Product Name Product code Use of the Substance/Preparation	510 2T 8374 2 Stroke engine lubricant	PIN 36020028	
<u>Manufacturer, importer, supplier</u>			
Supplier Telephone Telefax EMERGENCY TELEPHONE NUMBER Responsible Department	MOTUL - Regulation Departement Zone Industrielle - Chemin du Corps de Garde 77360 VAIRES SUR MARNE - FRANCE 33.1.64.72.86.23 33.1.64.72.86.28 ORFILA : 33.1.45.42.59.59 Health and Safety Department		
2. COMPOSITION/INFORMATION ON INGREDIENTS			
<u>Identification of the preparation</u>			
<u>Hazardous components</u> Heavy naphtha petroleum hydrotreated, Low boiling point Xn, R65, R66 Polyolefine succinimide polyamine R53 Calcium phenate Xi, R43	<u>Weight %</u> < 17 % < 1 % < 1 %	<u>CAS-No.</u> 64742-48-9 polymer polymer	<u>EINECS-No.</u> 265-150-3 Polymer polymer
3. HAZARDS IDENTIFICATION			
<u>EC Label</u>			
Specific hazards - physico-chemical properties - properties affecting health - environmental properties		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 No hazards resulting from material as supplied. None known Ecological injuries are not known or expected under normal use.	
4. FIRST AID MEASURES			
General advice - Inhalation - Eye contact - Skin contact		In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move to fresh air. If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids. Consult a physician if necessary Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water.	

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- Ingestion		Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice.		
5. FIRE-FIGHTING MEASURES				
- 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.		
6. ACCIDENTAL RELEASE MEASURES				
Personal precautions		Depending on the risk of exposure, wear gloves, goggles, and protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.		
Environmental precautions		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.		
7. HANDLING AND STORAGE				
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 5 and 40 °C. Do not let product enter drains. Keep out of reach of children.		



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- Incompatible products		Do not smoke. Store in original container. Keep in a banded area. Incompatible with oxidising agents.	
8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
 			
Personal protective equipment			
<i>Respiratory protection</i>		Breathing apparatus needed only when aerosol or mist is formed.	
<i>Hand protection (EN 420, EN 374-3)</i>		protective gloves Glove material : nitrile rubber Layer thickness : 0,11 mm Breakthrough time : > 480 Min.	
<i>Eye protection (EN 166)</i>		safety glasses	
<i>Skin and body protection (DIN - EN 465)</i>		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		Contaminated equipment (brushes, rags) must be cleaned immediately with water. Avoid contact with skin, eyes and clothing.	
9. PHYSICAL AND CHEMICAL PROPERTIES			
Form	liquid		
Colour	green		
pH	Not applicable		
Flash point			
open cup	117 °C	ASTM D92	
Water solubility	insoluble		
Solubility in other solvents	soluble		
	Soluble in hydrocarbons		
Viscosity	72,3 mm²/s	40 °C ASTM D445	
Explosion limits	not applicable		
Specific gravity	867 kg/m3	15°C NF T 60-101	
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				
Ecotoxicity effects		no data available		
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:		130202 - non-chlorinated engine, gear and lubricating oils		
NOTE		"Avis relatif à la nomenclature ds déchets du 11/11/1997"		
14. TRANSPORT INFORMATION				
<u>Land transport</u>				
Class		not regulated		

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IMPORTANT: The information in this Data Sheet applies only to the products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge.

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