

PRODUCT SAFETY DATA SHEET

Product

Agip RACING (SAE 10W-60)

Date: 13-jul-09

Supersedes SDS dated : 05-2006

1. Identification of the substance/preparation

Identification of the substance or preparation
Type of product and use:
Company identification
Address and telephone nr.

AGIP RACING (SAE 10W60)
Lubricant for internal combustion engines
AgipBenelux B.V.
Eemhavenweg 50, 3089 KH Rotterdam - Tel.+31-10-2941555

2. Hazards identification

The preparation is not classified as hazardous according to the *Regulation on classification, packing and labelling of hazardous preparations*.

3. Composition/information on ingredients

Substances that are a health risk according to R.D. 363/1995, Rules and Regulations on Dangerous Substances.

Index No	CAS No	EC No	Registration number	Name	%	Symbols	R Phrases*
	68037-01-4			Synthetic lubricant base	75 – 100 %		
		272-028-3		Zinc Alkyldithiophosphate	0 – 1 %	Xi	R48-41-51/53
	Polymeric			Calcium long chain alkyl salicylate	0 – 1 %		R52/53

* The completed text of the R phrases is given in section 16 of this Safety Data Sheet

4. First aid measures

Skin contact Take of contaminated clothing and shoes. Wash thoroughly with soap and water. If inflammation or irritation persists, seek medical advice.

Eye contact Rinse eyes thoroughly for at least 10 minutes. Keep eyelids well apart. If irritation persists, seek medical advice.

Ingestion Do not induce vomiting to avoid aspiration into the lungs. If the person is conscious, rinse mouth with water without swallowing. Keep at rest. Call for medical assistance or bring to a hospital.

Inhalation In case of disturbances owing to an exposure to a high concentration of vapours or mists, remove the victim from exposure; keep at rest; if necessary, seek medical attention.

Aspiration of liquid into the lungs If there is the possibility that the product has been aspired into the lungs (i.e. in case of spontaneous vomiting), transport the victim to a hospital.

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5. Fire-fighting measures

General information	Shut off source of product, if possible. If possible, move containers and drums away from danger area.
Extinguishing media	
- suitable	Small-size fires: carbon dioxide, dry chemicals, foam, sand or earth. Large fires: foam or water fog (mist). These means should be used by trained personnel only.
- Not to be used	Do not use water jets. They could cause splattering, and spread the fire.
Special protective equipment for fire fight	Personal protection equipment. Self-contained breathing apparatus.
Useful precautions	Avoid accidental sprays on hot surfaces or electrical contacts. In case of losses from pressurized circuits, the sprays may form mists. Take into account that in this case the lower explosion limit for mists is about 45 g/m ³ air.
Other information	Use water sprays to cool the surfaces exposed to the flames. Spilled product which is not burning should be covered with sand or foam. In case of fire, do not discharge runoff water: collect separately and use a proper treatment.

6. Accidental release measures.

General measures:	Shut off source of spill, if possible. Do not let the product flow into sewers, water courses or underground spaces. Notify local authorities according to relevant regulations
Personal precautions	See Sect. 8 of this sheet
Methods for cleaning up	
- Soil:	Contain spilled liquid with sand, earth or other suitable absorbents. Recover free liquid and waste materials in suitable waterproof and oil-resistant containers. Clean contaminated area. Dispose of according to local regulations.
- Water:	Confine the spillage. Remove from surface by skimming or suitable absorbents. Collect recovered product and other waste materials in suitable waterproof, oil resistant containers. Recover or dispose of according to local regulations. Do not use solvents or dispersants.

7. Handling and storage

Storage	Keep away from sources of ignition. Storage temperature: ambient to 55 °C max. Store in a well ventilated place.
Handling:	Store the product in cool, well-ventilated surroundings. Avoid proximity or contact with hot surfaces, flames or sparks. Avoid contact with skin. Do not breathe vapours or mists. Do not smoke. Do not cut, weld, drill, burn or incinerate containers or drums, unless they have been cleaned, and declared safe.
Specific use(s)	Lubricant for internal combustion engines.

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8. Exposure controls/personal protection

Exposure limits values
Work exposure limit for:

Name		TLV-TWA *(mg/m3)		TLV-DTEL *(mg/m3)
Paraffinnic base stock, solvent severely refined	5	fog of oil	10	A.C.G.I.H. 2004
Hydrogenated decene (PAO)	5	fog of oil	5	HTP 2005/FIN

* In case of need, bear in mind other limits mentioned in the in force laws, or in the documents ACGIH.

Monitoring procedures.

Refer to relevant legislation and in any case to the good practice of industrial hygiene.

8.2 Control of exposure.

General information:	If the conditions of work require it, and if plant characteristics, work procedures and other means are not able to reach the purpose, it is necessary to use suitable means of personal protection.
Respiratory protection:	Open or well ventilated areas: not necessary. Closed or confined areas (e.g. tank interiors): self-contained breathing apparatus.
Personal protection:	<p>Long-sleeved overalls. If necessary, refer to the EN 465-466-67 standards. When there is a risk of contact with the eyes, use safety goggles or other means of protection. If necessary, refer to national standards or to the EN 166 standard.</p> <p>When there is a risk of contact with the skin, use hydrocarbon-resistant, felt-lined gloves. Experience shows that gloves made of Nitril rubber or PVA (Polyvinyl alcohol) are adequate for this use. Gloves made of PVC can be used for limited periods. Gloves made Neoprene or natural rubber (latex) have inadequate resistance. Use gloves respecting all the conditions and within the limits set by the manufacturer. Replace gloves immediately in case of cuts, holes or other signs of damages or degradation.</p> <p>If necessary, refer to the EN 374 standard.</p>
Hygiene measures:	<p>Avoid contact with skin and eyes</p> <p>Do not breathe vapours or mists</p> <p>Do not clean hands with dirty or oil-soaked rags.</p> <p>Do not keep dirty rags in the overall pockets</p> <p>Do not drink, eat or smoke with dirty hands.</p> <p>Wash hands with water and soap, do not use solvents or other irritant products which have a defatting effect on the skin.</p> <p>Do not re-use clothes, if they are still contaminated.</p>

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9. Physical and chemical properties

Appearance	Clear and bright liquid		ASTM D 4176/1
Odour	characteristic		
Colour	3.0		ASTM D 1500
Density at 15°C	0,8530	kg/l	ASTM D 4052
Boiling point-range	>200 at 10 mmHg	°C	ASTM D 1160
Vapour pressure	1x10 ⁻³	hPa	ASTM D 1160
Solubility in water	Insoluble in water		
pH	Not applicable		
Pourpoint	-33	°C	ASTM D 97
Flash point	220	°C	ASTM D 92
Auto/ignition temperature	> 300	°C	DIN 51794
Explosion limits			
- Lower	Not determined		
- Upper	Not determined		
Partion coefficient P o/w	Not determined		
DMSO extract of base stock	<3 % wt		IP 346/92

10. Stability and reactivity

Thermal decomposition products	Cox, HC
Stability	Stable product
Hazardous reactions	None
Materials to avoid	Strong oxidants

11. Toxicological information

Oral toxicity (rat)	LD 50 greater than 2000 mg/kg (estimated from the composition)
Dermal toxicity (rabbit)	LD50 greater than 2000 mg/kg (estimated from the composition)
Inhalation toxicity (rat)	LC50 greater than 5 mg/1/4h (estimated from the composition)
Skin sensation	The product is not classified as a sensitizer according to the criteria set by the EU.
Other information	Not irritating to eyes and skin Minor irritation may occur after prolonged or repeated contact. Especially if normal hygienic rules are not respected. None of the components of this product are listed as carcinogen by NTP, IARC, OSHA, EU or others.

12. Ecological information

General information	Handle according to general working hygiene practices to avoid pollution and release into the environment.
Biodegradation	The most significant constituents of the product should be considered as "inherently biodegradable", but not "readily biodegradable" and they may have be moderately persistent, particularly in anaerobic conditions.
Toxicity for aquatic organisms	This product is not soluble in water. It floats on water and forms a film on the surface. The damage to aquatic organisms is of mechanical kind (immobilization and entrapment). No specific environmental data are available for this product. According to the components, and by comparison with other products of the same type and composition, it is expected that this product has a toxicity for aquatic organisms > 100 mg/l, and must not be regarded as dangerous to the environment.
Other data	This product has no specific properties for inhibition of bacterial activity. In any case, wastewater containing this product should be treated in plants that are suited for the specific purpose.
WGK class (Germany)	1.

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13. Disposal considerations

Disposal of product	Do not dispose of the product, either new or used, by discharging into sewers, tunnels, lakes or water courses. Deliver to a qualified official collector.
European Waste Catalogue Code	13 02 06 (ref: 2001/118/CE) This code is only a general indication, and takes into account the original composition of the product and its intended use. The user has the responsibility of choosing the right code, considering the actual use of the product, alterations and contaminations.
Disposal of package	Dispose of in a safe manner, in accordance with local regulations. Do not cut, weld, drill, burn or incinerate empty containers or drums, unless they have been cleaned, and declared safe.

14. Transport information

Transportation is not dangerous. In case of road accident causing the product's spillage, proceed in accordance with point 6.

15. Regulatory information

The preparation is not classified as hazardous according to the Regulation on classification, packing and labelling of hazardous preparations.

P phrases:

Safety Data Sheet available for professional user on request.

Applicable laws and regulations:

National laws on classification and labelling of dangerous substances/preparations (Adoption of Directive 67/548/CE and subsequent Adaptions to Technical Progress – ATP, and Directive 1999/45/CE). Relevant national laws on health and safety on the workplace. National adoption of Directives 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269.CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 2003/10/CEE, 2003/18/CEE. National adoption of Directive 75/439/CEE concerning disposal of used oils. Relevant national laws on recycling and re-use of waste materials. Relevant national laws on prevention of water pollution. Relevant national laws on health and safety on the workplace.

16. Other information

General indications: Avoid excessive or improper use.

Other uses of the product: Do not use the product for any purposes that have not been advised by the manufacturer. In that case, the user should be exposed to unforeseeable dangers.

Complete text of the R phrases that appear in section 3.

- R38 Irritating to skin
- R41 Risk of serious damage to eyes
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information given in this Safety Data Sheet has been drafted in accordance with REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

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This information relates only to the specific product and may not be valid if the product is used in combination with any other material or on any process. This information is all that we have available on the review and publishing date of this sheet, on the basis of reliable data and in accordance with current legislation. That stated above does not necessarily imply that the information is of a fully comprehensive nature in all cases. It is the responsibility of the user to determine the validity of this information for the application of the same in each case; nothing in this document will lessen this responsibility.