

ACD SUPREME PLUS 0W40
14106

www.lisam.com

Supplier

ACDelco Europe
 Paseo de la Castellana 91
 28040 Madrid
 fax; +34 91456 9288
 Anti-poison centre +32 (0)70 245 245

1. Identification of the product and the company

Identification of the product : Oily liquid.
 Use : Automobile industry
 Company identification : See distributor.

2. Information on ingredients

This product is not considered to be hazardous but contains hazardous components.

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
<u>Alkaryl Amine</u>	: 0.13 to 0.64 %	---- / 270-128-1 / ----		52/53
<u>Zinc alkyl dithiophosphate</u>	: 0.65 to 1.29 %	---- / 272-028-3 / ----	Xi N	41-36/38-51/53
<u>Calcium alkyl salicylate (long chain)</u>	: 0.65 to 1.29 %	---- / ---- / ----		52/53
<u>Synthetic ester</u>	: ca 10 %	---- / ---- / ----		

3. Hazards identification
Symptoms relating to use

- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
- Eye contact : Not expected to present a significant eye contact hazard under anticipated conditions of normal use.
- Ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4. First aid measures
First aid

- Inhalation : Not expected to require first aid measures.
- Skin contact : Wash skin thoroughly with mild soap and water.
- Eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes.
- Ingestion : DO NOT INDUCE VOMITING.
Rinse mouth.
Seek medical attention immediately.

5. Fire - fighting measures

- Prevention : No smoking.
- Extinguishing media : Foam.
Dry chemical.
Carbon dioxide.
- Special procedures : Exercise caution when fighting any chemical fire.

ACD SUPREME PLUS 0W40**14106**

www.lisam.com

6. Accidental release measures

- Personal precautions : No smoking.
After spillage and/or leakage : Spill area may be slippery. Dike for recovery or absorb with appropriate material.
Use suitable disposal containers.

7. Handling and storage

- General : No naked flames. No smoking.
Storage : Store in dry, well-ventilated area.
Keep at temperature not exceeding 40°C
Handling : Wash hands and other exposed areas with mild soap and water before eating,
drinking or smoking or when leaving work.
Transport temperature : Keep at temperature not exceeding 40°C

8. Exposure controls / personal protection

- Personal protection
- Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Skin protection : No special clothing/skin protection equipment is recommended under normal conditions of use.
- Eye protection : Goggles.
- Ingestion : When using, do not eat, drink or smoke.
Industrial hygiene : No special protection required where adequate ventilation is maintained.
Occupational Exposure Limits : 5 mg/m³ for oil mists (TWA, 8h-workday) recommended, based upon the ACGIH TLV (Analysis according to US NIOSH Method 5026, NIOSH Manual of Analytical Methods, 3rd Edition).

9. Physical and chemical properties

- Physical state : Oily liquid.
Colour : Yellow-brown.
Odour : Oil.
pH value : Not applicable.
Density [g/dm³] : 858
Vapour density (101.3 kPa/air=1) : >12
Viscosity at 40°C [mm²/s] : 88
Solubility in water : Negligible.
Flash point [°C] (ASTM D 92) : 220
Auto-ignition temperature [°C] : No data available.
Explosion limits (vol% in air) : LEL: 1.0
UEL: 6.0
Log P octanol / water at 20°C : No data available.

10. Stability and reactivity

- Hazardous decomposition products : None under normal conditions.
Hazardous reactions : None under normal conditions.
Hazardous properties : None under normal conditions.
Materials to avoid : Strong oxidizers.
Acids.
Bases.

11. Toxicological information

Rat oral LD50 [mg/kg]	: No data available.
Inhalation	: Neglegible hazard at ambient/normal handling temperatues. Elevated temperatures or mechanical action may form vapours, mists, or fumes, which may be irritating to the nose, throat and lungs.
Skin contac	: Repeated or prolonged skin contact may cause irritation.
Eye contact	: Slightly irritant, does not damage eye tissue
Ingestion	: Low level of acute/systematic toxicity. Minute amounts aspirated into the lungs during ingestion or vomiting may cause severe pulmonary injury and death.

12. Ecological information

Persistence and degradability	: Not soluble in water, so only minimally biodegradable.
-------------------------------	--

13. Disposal considerations

Disposal	: Dispose in a safe manner in accordance with local/national regulations.
----------	---

14. Transport information

General information	: Not regulated.
---------------------	------------------

15. Regulatory information

Symbol(s)	: None.
R Phrase(s)	: None.
S Phrase(s)	: None.

16. Other information

Text of R-Phrases in § 2	: R36/38 : Irritating to eyes and 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.
Print date	: 8 / 3 / 2007

The contents and format of this MSDS are in accordance with EEC Commission Directive 2001/58/EC.

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document