



SAFETY DATA SHEET

PROFI-CAR ACTRON

Section 1: Identification of the substance / mixture and of the company/undertaking

1.1 Product identifier

Product name: ACTRON SAE 5W-40

Productcode: 33300

Synonyme:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Preparation: Engine Oil

1.3 Details of the supplier of the safety data sheet

Company name / contact: PROFI-TECH GmbH
Otto-Lilienthal-Straße 2
88046 Friedrichshafen
Tel. +49 7541/40 286-0
Fax +49 7541/40 286-99
info@profi-tech.com

1.4 Emergency telephone number

Emergency number: +49 7541/40 286-0

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP: This mixture is not classified as hazardous according to Directive 1999/45/EC.

GHS classification:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazardous to the aquatic environment: Aquatic Chronic 3

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

Classification under CLP

Most important adverse effects:

2.2 Label elements (DSD/DPD)

Label elements under CLP: Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

Hazard statements:

H319 - Causes serious eye irritation



Hazard pictograms:

Signal word: Warning

Precautionary statements:

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P280 - Wear eye protection

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 - If eye irritation persists: Get medical advice/attention

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

Risk phrases:

Safety phrases:

Precautionary phrases:

2.3 Other hazards

Product can build up a film on the water surface which can inhibit the oxygen exchange. See also sections 11, 12 and 15.

PBT: Not applicable.

Section 3: Composition / information on ingredients

3.2. Mixtures

Chemical characterization: Additive, mineral oil.

Hazardous components:

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Lubricating oils (petroleum), C20-100% 50, hydrotreated neutral oil-based; baseoil - unspecified	(CAS No) 72623-87-1 (EC no) 276-38-4	25 - 50	Not classified
Hydrogenated polydecene	(CAS No) 68037-01-4 (EC no) 500-183-1	1 - 10	Not classified
Zinc bis [O-(-6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	(EC no) 298-577-9 (REACH-no) 01-2119543726-33	0,1 - 2	Xi; R41 Xi; R38 N; R51/53
C14-16-18 Alkylphenol	(REACH-no) 01-2119498288-19	0,1 - 2	R43 R53
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Lubricating oils (petroleum), C20-100% 50, hydrotreated neutral oil-based; baseoil - unspecified	(CAS No) 72623-87-1 (EC no) 276-38-4	25 - 50	Asp. Tox 1, H304
Hydrogenated polydecene	(CAS No) 68037-01-4 (EC no) 500-183-1	1 - 10	Asp. Tox 1, H304
Zinc bis [O-(-6-methylheptyl)] bis [O-(sec-butyl)] bis (dithiophosphate)	(EC no) 298-577-9 (REACH-no) 01-2119543726-33	0,1 - 2	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411
C14-16-18 Alkylphenol	(REACH-no) 01-2119498288-19	0,1 - 2	Skin Sens. 1, H317 Aquatic Chronic 4, H413

Further Information: The mixture contains either the substance with CAS 265-157-1 or the substance with the CAS 276-738-4. All concentrations are quoted as mass percentages for liquids and volume percentages for gases. Other substances which are not classified as dangerous are contained up to 100 %. Full text of R- and H-phrases: see section 16.



Section 4: First aid measures

4.1. Description of first aid measures

Inhalation: Not expected to require first aid measures.

Skin contact: Wash skin with mild soap and water.

Eye contact: In case of eye contact, immediately rinse with clean water for 10-15 minutes..

Swallowing: Do not induce vomiting. Rinse mouth. Get immediate medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact:

Eye contact:

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water fog. Foam. Powder. Dry chemical product.

5.2. Special hazards arising from the substance or mixture

Do not use a heavy water stream.

5.3. Advice for fire-fighters

Advice for fire-fighters: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Do not enter fire area without proper protective equipment, including respiratory protection.

Collect contaminated fire extinguishing water separately.
Do not allow entering drains or surface water

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Environmental precautions: Wear suitable protective clothing and gloves.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Impound and recover large spill by mixing it with inert granular solids. Detergent. Take up liquid spill into absorbent material sand, saw dust, kieselguhr. Spill area may be slippery. Use suitable disposal containers.

6.4. Reference to other sections

Reference to other sections: See section 8 & 13.



Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid all unnecessary exposure. Both local exhaust and general room ventilation are usually Required

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: < 40 °C Storage area : Store in dry, cool, well-ventilated area.

Suitable packaging: Do not store together with: Spontaneous combustion.

7.3. Specific end use(s)

Observe technical data sheet.

Section 8: Exposure controls / personal protection

8.1. Control parameters

Hazardous ingredients: 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).

8.2 DNEL/PNEC

DNEL/PNEC:.

8.3. Exposure controls

Engineering measures: Provide adequate ventilation as well as local exhaust at critical locations.

Respiratory protection: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.

Hand protection: Safety glasses. Gloves.

Eye protection: Safety glasses. Gloves.

Skin protection: Safety glasses. Gloves.

Environmental: Technical measures to prevent exposure. Organisational measures to prevent exposure.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: liquid

Colour: yellow, brown

Odour: Characteristic

Evaporation

Solubility in water: Slightly soluble, the product remains on the water surface

Also soluble in: No data available

Viscosity: No data available

Kinematic viscosity: 83 mm²/s @ 40°C



Viscosity test method: No data available

Boiling point / range°C: No data available

Lower explosion limits No data available

Upper explosion limits: No data available

Flammability limits %:

Flash point°C: > 220 °C @ ASTM D92

Vapour pressure: No data available

Relative density: 856 kg/m³ @15°C

VOC g/l:

9.2. Other information

Other information: No further relevant information available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: None under normal conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid: Oxidizing agents, strong.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: See section 5.3.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hydrogenated polydecene (68037-01-4)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	5,2 mg/l/4h
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)	
LD50 oral rat	2600 mg/kg
LD50 dermal rat	> 3160 mg/kg OECD 402

Acute toxicity Classification: Not classified

Irritation and corrosivity Classification: none. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Sensitising effects Classification: Not classified



Severe effects after repeated or prolonged exposure: Not classified

Specific effects in experiment on an animal: Not classified

Additional information on tests: Not classified

Section 12: Ecological information

12.1. Toxicity

Hydrogenated polydecene (68037-01-4)	
LC50 fishes 1	> 1000 mg/l
EC50 Daphnia 1	190 mg/l
LC50 fish 2	> 750 mg/l
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)	
LC50 fishes 1	4,5 mg/l OECD 203 (<i>Oncorhynchus mykiss</i>) 96h
EC50 Daphnia 1	5,4 mg/l OECD 202 (<i>Daphnia magna</i>) 48h
EC50 other aquatic organisms 1	2,1 mg/l OECD 201 (<i>Selenastrum capricornutum</i>) 48h

12.2. Persistence and degradability

Turbo Ultra 5W40	
Persistence and degradability	Not soluble in water, so only minimally biodegradable.
Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)	
Biodegradation	1,5 % OECD 301B 28d

12.3. Bioaccumulative potential

Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)	
Log Pow	0,9 @23°C

12.4. Mobility in soil

Mobility: No additional information available

12.5. Results of PBT and vPvB assessment

PBT identification: The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects:

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Section 14: Transport information

No dangerous good in sense of these transport regulations.



Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

WGK: Water contaminating class (D): 2 - water contaminating

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out.

Section 16: Other information

16.1 Other information:

The information in this SDS 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.

Aquatic Chronic 2 Hazardous to the aquatic environment - Chronic Hazard Category 2

Aquatic Chronic 4 Hazardous to the aquatic environment - Chronic Hazard Category 4

Asp. Tox. 1 Aspiration hazard Category 1

Eye Dam. 1 Serious eye damage/eye irritation Category 1

Eye Irrit. 2 Serious eye damage/eye irritation Category 2

Skin Irrit. 2 skin corrosion/irritation Category 2

Skin Sens. 1 Skin sensitisation Category 1

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H317 May cause an allergic skin reaction

H318 Causes serious eye damage

H319 Causes serious eye irritation

H411 Toxic to aquatic life with long lasting effects

H413 May cause long lasting harmful effects to aquatic life

R38 Irritating to skin

R41 Risk of serious damage to eyes

R43 May cause sensitisation by skin contact

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R53 May cause long-term adverse effects in the aquatic environment

N Dangerous for the environment

Xi Irritant