



SAFETY DATA SHEET STP® OIL TREATMENT FOR PETROL ENGINES

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name STP® OIL TREATMENT FOR PETROL ENGINES
Product No. 60300, 60450

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

Identified uses Oil additive.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Armored Auto UK Ltd
Unit 16, Rassau Industrial Estate
Ebbw Vale
Gwent NP23 5SD
UK
Tel: +44 1495 350234
Fax: + 44 1495 350431
euregulatory@armoredautogroup.com

1.4. Emergency telephone number

+44 1495 350234
Monday - Thursday: 8.30 - 17.00
Friday: 8.30 - 15.30

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

Environment

The product contains a substance which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

Risk Phrases

NC Not classified.

Safety Phrases

S2 Keep out of the reach of children.
S46 If swallowed, seek medical advice immediately and show this container or label.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

STP® OIL TREATMENT FOR PETROL ENGINES

MINERAL OIL		60-100%
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	
CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE		1-4.9%
Classification (EC 1272/2008) Aquatic Chronic 4 - H413	Classification (67/548/EEC) R53.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Eye contact

Remove victim immediately from source of exposure. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

Inhalation

Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.

Ingestion

May cause discomfort if swallowed.

Skin contact

Prolonged skin contact may cause redness and irritation.

Eye contact

May cause temporary eye irritation.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

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Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. DO NOT touch spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Store below 100°C. Keep away from oxidising substances.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
MINERAL OIL	SUP		5 mg/m ³			

Ingredient Comments

SUP = Supplier's recommendation.

8.2. Exposure controls

Engineering measures

Well-ventilated area.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved, tight fitting safety glasses where splashing is probable.

Other Protection

Use barrier creams to prevent skin contact.

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Hygiene measures

When using do not eat, drink or smoke. Promptly remove any clothing that becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Dark brown.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	Data lacking.
Melting point (°C)	Data lacking.
Relative density	0.882 @ 20 °C
Vapour density (air=1)	Data lacking.
Vapour pressure	Data lacking.
Evaporation rate	Data lacking.
Evaporation Factor	Data lacking.
pH-Value, Conc. Solution	Data lacking.
Viscosity	3700 cSt @ 40 °C 300 cSt @ 100°C
Solubility Value (G/100G H2O@20°C)	Data lacking.
Decomposition temperature (°C)	Data lacking.
Odour Threshold, Lower	Data lacking.
Flash point (°C)	> 135 °C PM Closed cup.
Auto Ignition Temperature (°C)	Data lacking.
Explosive properties	Data lacking.
Oxidising properties	Not known.

9.2. Other information

Not determined.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Strong oxidising substances.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid contact with oxidisers or reducing agents. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

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Materials To Avoid

Strong oxidising substances. Strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard:

Based on available data the classification criteria are not met.

Toxicological information on ingredients.

MINERAL OIL

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

Raw material suppliers' information.

Acute Toxicity (Dermal LD50)

> 5000 mg/kg Rabbit

Raw material suppliers' information.

Acute Toxicity (Inhalation LC50)

> 2.18 mg/l (vapours) Rat 4 hours

Raw material suppliers' information.

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CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

Raw material suppliers' information.

Acute Toxicity (Dermal LD50)

> 2000 mg/kg Rabbit

Raw material suppliers' information.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

Ecological information on ingredients.

MINERAL OIL

Acute Fish Toxicity

Not considered toxic to fish.

CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE

Acute Fish Toxicity

No data available.

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

Ecological information on ingredients.

MINERAL OIL

Degradability

There are no data on the degradability of this product.

CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE

Degradability

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

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

MINERAL OIL

Bioaccumulative potential

No data available on bioaccumulation.

CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

Absorbs on to soil and is not expected to be mobile.

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Ecological information on ingredients.

MINERAL OIL

Mobility:

No information available.

CALCIUM LONG-CHAIN ALKYLPHENATE SULPHIDE

Mobility:

No information available.

12.5. Results of PBT and vPvB assessment

Not determined.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Recover and reclaim or recycle, if practical.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

Transport Labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40.

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EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Water hazard classification

WGK 2

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Format updated in accordance with Regulation (EU) No. 453/2010.

Revision Date 11-2012

Revision 9

Supersedes date 05-2012

Risk Phrases In Full

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

NC Not classified.

Hazard Statements In Full

H413 May cause long lasting harmful effects to aquatic life.

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