



SAFETY DATA SHEET

Page 1 of 7
Issued: 30/06/2020; Revision No. 7
Regulation (EU) 2020/878

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Product Name : Power Steering Stop Leak (PMSSL)
UFI Number : K6RF-C08G-Y00C-8ENC

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

Product use : For use as an engine additive

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Automotive Brands
Weston Road
Bretforton, Evesham
Worcestershire
WR11 7QA
United Kingdom

Tel. : 01789 330 668

Email (for SDSs) : info@powermaxed.com

1.4 Emergency tel. no.: 01789 330 668 (Available 9am-5pm)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to Regulation (EC) 1272/2008: Classification, Labelling and Packaging of Substances and Mixtures (CLP):

Not classified as hazardous in accordance with CLP (EC 1272/2008)

Physical and Chemical Hazard	Not classified
Human health	Not classified
Environment	Not classified

2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Not applicable

Contains: Not applicable

Hazard Pictogram(s): Not applicable

Hazard Statements: Not applicable

Precautionary Statements: Not applicable

Supplemental Hazard information (EU) Not applicable

2.3 Other hazards None

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures:****Hazardous components**

Chemical Name	CAS No. EC No./ Index No./ Reg. No	Classification (1272/2008/EC)	SCL/M- Factor/ ATE	Content
Lubricating Oils	64742-01-4 278-012-2	Not classified	-	95-99%
Thiophene, tetrahydro-1,1-dioxide, 3-(C9-C11 isoalkyloxy)derivs. C10)	398141-87-2 800-172-4	Not classified	-	0.5-1%

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

4. FIRST AID MEASURES**4.1 Description of first aid measures**

Skin contact: Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Eye contact: Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Ingestion: If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice.

Inhalation: If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.

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

No ill effects known.

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

Eye contact: immediately wash out with plenty of water.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Use foam, dry power or water fog.

Unsuitable extinguishing media: DO NOT USE water jets. Water may be used to cool nearby heat exposed areas/objects/packages.

5.2 Special hazards arising from the substance or mixture

Avoid spraying directly into storage containers because of the danger of boil-over. Toxic fumes may be evolved on burning or exposure to heat. See stability and Reactivity, Section 10 of this data sheet.

5.3 Advice for fire-fighters:**Special protective equipment for firefighters:**

Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment. Spilled material may make surfaces slippery. Contain and recover spilled material using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated.

6.2 Environmental precautions

Protect drains from potential spills to minimise contamination. Do not wash product into drainage system. In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies.

6.3 Methods and materials for containment and cleaning up

Absorb into dry earth or sand, transfer into suitable containers for disposal.

6.4 References to other sections

See sections 7, 8 and 13 for handling precautions, personal protection and disposal information.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.

7.2 Conditions for safe storage, including any incompatibilities

Store under cover away from heat and sources of ignition. Product contaminated rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of safely immediately after use.

7.3 Specific end use(s)

Intended for use as a process oil. The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters****Occupational exposure limit values**

Ingredient Comments:

No exposure limits noted for ingredient(s)

Chemical name	8hr TWA	15min STEL	Reference
Not applicable	Not applicable	Not applicable	

8.2 Exposure controls

Use local exhaust ventilation to control mists or vapours.

Personal protection**Eye/face protection:** Safety glasses.**Skin protection:** Normal work wear.**Hand Protection:** PVC gloves**Respiratory protection:** Not normally required**Hygiene measures:** No further information.**Appropriate engineering controls:** Use local exhaust ventilation to control mists or vapours.**Environmental exposure controls:** No further information.**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state	Liquid
Colour	Light Amber Liquid
Odour	Mild
Melting point/freezing point	No data available
Boiling point/range	No data available
Flammability	No data available
Lower/Upper explosion limit	No data available
Flash point	>195
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (Conc solution)	No data available
Kinematic viscosity	5.1 mm ² /s @ 100°C
Solubility	Insoluble (water) Soluble (fat/solvent).
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	No data available
Density and/or relative density	0.863 @ 20°C
Particle characteristics	Not applicable

9.2 Other information:

Ethanol content % 0

10. STABILITY AND REACTIVITY

10.1 Reactivity	No dangerous reactions known.
10.2 Chemical stability	Stable under normal conditions of use.
10.3 Possibility of hazardous reactions	None known.
10.4 Conditions to avoid	Avoid overheating.
10.5 Incompatible materials	Avoid contact with strong oxidising agents.
10.6 Hazardous decomposition products	Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide and hydrogen sulphide and oxides of sulphur and phosphorus

11. TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008**

Acute toxicity	
Acute oral toxicity	Based on available data, the classification criteria are not met. Low order of acute toxicity
Acute dermal toxicity	Based on available data, the classification criteria are not met. Low order of acute toxicity
Acute inhalation toxicity	Based on available data, the classification criteria are not met. Low order of acute toxicity
Skin corrosion/irritation:	Based on available data, the classification criteria are not met. No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met. No components present that are classified as eye irritants
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met. No components present that are classified as respiratory irritants. No evidence of sensitisation effects.
Repeated dose toxicity:	No data available.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Mutagenicity:	Based on available data, the classification criteria are not met.
Toxicity for reproduction:	Based on available data, the classification criteria are not met.
STOT – single exposure:	Based on available data, the classification criteria are not met.
STOT – repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.
11.2 Information on other hazards	No further information available.
Endocrine disrupting properties	No ingredients have been identified as having endocrine disrupting properties.

12. ECOLOGICAL INFORMATION

12.1 Toxicity	Not classified as dangerous for the environment. No ecotoxic chemicals present. However, spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.
12.2 Persistence and degradability	The product is inherently biodegradable.
12.3 Bioaccumulative potential	There is no evidence to suggest bioaccumulation will occur.
12.4 Mobility in soil	Nonvolatile. Spillages may penetrate the soil causing ground water contamination
12.5 Results of PBT and vPvB assessment	No PBT or vPvB chemicals present.
12.6 Endocrine disrupting properties	No information available.
12.7 Other adverse effects	
Persistent Organic Pollutant	No information available.
Ozone Depletion Potential	Not applicable.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

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

14.1 UN number	ADR/RID/ADN; IMDG; ICAO	Not applicable
14.2 UN proper shipping name	Not applicable	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	Not applicable
	ADR/RID/ADN Class	Not applicable
	ADR Label No.	Not applicable
	IMDG Class	Not applicable
	ICAO Class/Division	Not applicable
	ICAO Subsidiary risk	Not applicable
	Transport labels	Not applicable
14.4 Packing Group	ADR/RID/ADN; IMDG; ICAO	Not applicable
14.5 Environment hazards	Marine Pollutant	Not applicable.
14.6 Special precautions for user	EMS	Not applicable
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.	

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

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and Commission Regulation (EU) 2020/878 amending Annex II to Regulation (EC) No. 1907/2006.

Full text of H-statements referred to under sections 2 and 3

None

Abbreviations and acronyms

ATE: Acute Toxicity Estimate.

CAS: Chemical Abstract Service (division of the American Chemical Society).

STOT: Single Target Organ Toxicity

SE: Single exposure

DNEL: Derived no effect level – a level above which humans should not be exposed.

PNEC: Predicted No Effect Concentration

TWA: Time-weighted average.

SCL: Specific Concentration Limit

STEL: Short-term exposure limit.

PBT: Persistent, Bioaccumulative, Toxic.

vPvB: very Persistent and very Bioaccumulative.

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