SAFETY DATA SHEET

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

1.1 Product Identifier

Product Name : Petrol Injector Cleaner (PMPTIC)
UFI Number : UR1R-R0XE-U000-QJTW

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

Product use : Fuel 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):

Physical and Chemical Hazard	Not classified
Human health	Asp.Tox. 1; H304;
Environment	Not classified

2.2 Label elements
Labelling according to EC Directives: 1272/2008/EC:

Signal word: Danger **Contains:** Distillates (petroleum), hydrotreated light / kerosine – unspecified; Hydrocarbons,C10-13,n-alkanes, <2% aromatics

Hazard Pictogram(s):

Hazard Statements:	H304	May be fatal if swallowed and enters airways
Precautionary Statements:	P301 + P310 + P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
	P405	Store locked up
	P501	Dispose of contents/container in accordance with local/regional/ national/international regulations
Supplemental Hazard information (EU)	EUH066	Repeated exposure may cause skin dryness or cracking.

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
Distillates (petroleum), hydrotreated light / kerosine - unspecified	64742-47-8 265-149-8	Asp.Tox. 1 ; H304	-	50-100%
Hydrocarbons,C10-13,n-alkanes, <2% aromatics	918-481-9	Asp.Tox. 1 ; H304	-	2-3%
Phenol (dimethylamino)methylpolyisobutylene deriviatives	Polymer	Aquatic Chronic 3 ; H412	-	1.5-3%
Hydrocarbons, c10, aromatics	919-284-0-8	Asp.Tox. 1 ; H304 STOT SE 3 ; H336 Aquatic Chronic 2 ; H411	-	<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

General advice: Medical treatment necessary.

Skin contact: After cleaning apply high-fat content skin care cream.

Eye contact: No special measures are necessary

Ingestion: Rinse mouth thoroughly with water. Give nothing to eat or drink. Do not induce vomiting. Call a physician in any case!

Inhalation: No special measures are necessary.

4.2 Most important symptoms and effects, both acute and delayed:
Allergic reactions, respiratory complaints

4.3 Indication of any immediate medical attention and special treatment needed:
Observe risk of aspiration if vomiting occurs

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Alcohol resistant foam. Carbon dioxide (CO2). Extinguishing powder. Water mist

Unsuitable extinguishing media: Strong water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: In case of fire may be liberated: Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides (NOx)Sulphurous gases (SOX). Metal oxides.

5.3 Advice for fire-fighters:

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers.
Do not allow run-off from fire-fighting to enter drains or water courses.

Special protective equipment for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Special danger of slipping by leaking/spilling product. Do not breathe gas/fumes/vapour/spray. Provide adequate ventilation.
Remove persons to safety. See protective measures under point 7 and 8.

6.2 Environmental precautions

Ensure all waste water is collected and treated via a waste water treatment plant. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and materials for containment and cleaning up

Suitable material for taking up: Sand. Kieselguhr. Universal binder Sawdust. Collect in closed and 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

Provide adequate ventilation as well as local exhaustion at critical locations. When using do not eat, drink, smoke or sniff. Wash hands before breaks and after work. All work processes must always be designed so that the following is as low as possible: Eye contact, skin contact, Inhalation of vapours or spray/mists In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Wear personal protection equipment. (see chapter 8).

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions
Keep the packing dry and well-sealed to prevent contamination and absorption of humidity. Never use pressure to empty container.
Hints on storage assembly
Keep away from: Oxidising agent Acid. Alkali
Storage class : 10

7.3 Specific end use(s)

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

When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Personal protection


Eye/face protection: Eye glasses with side protection.

Skin protection:
Hand Protection: Gloves with long cuffs. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Breakthrough times and swelling properties of the material must be taken into consideration.
Body Protection: Overall.

Respiratory protection: Respiratory protection necessary at: exceeding exposure limit values insufficient ventilation. insufficient exhaust Handling larger quantities. Container device with compressed air (DIN EN 137). / Filtering device (full mask or mouthpiece) with filter: Filter types: A, B, E, K. Class 1: Maximum permitted contaminant concentration in inhaled air = 1000 mL/m3 (0.1 % by vol.); class 2: maximum permitted contaminant concentration in inhaled air = 5000 mL/m3 (0.5 % by vol.); class 3: maximum permitted contaminant concentration in inhaled air = 10000 mL/m3 (1.0 % by vol.)

Hygiene measures: No further information.

Appropriate engineering controls: Provide adequate ventilation as well as local exhaustion at critical locations. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn

Environmental exposure controls: Send to a hazardous waste incinerator facility under observation of official regulations.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Light brown
Odour	Characteristic Hydrocarbon
Melting point/freezing point	No data available
Boiling point/range	200 - 250°C (range@ 760mmHg/°C)
Flammability	No data available
Lower/Upper explosion limit	No data available
Flash point	>75°C CC (Closed Cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH (Conc solution)	No data available
Kinematic viscosity	< 7.5
Solubility	No data available.
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	< 1000 hPa
Density and/or relative density	0.80 @ 20°C
Particle characteristics	Not applicable

9.2 Other information:

Ethanol content %	0

10. STABILITY AND REACTIVITY

10.1 Reactivity	No information available.
10.2 Chemical stability	No information available.
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	No information available.
10.5 Incompatible materials	Exothermic reaction with: Oxidising agent. Strong acid Strong alkali.
10.6 Hazardous decomposition products	Decomposition with: Carbon dioxide (CO2). Carbon monoxide. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

This mixture is classified as dangerous according to 1999/45/EC. This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

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

Acute toxicity Harmful: may cause lung damage if swallowed. For viscosity data, see chapter 9. Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

Acute oral toxicity
Parameter: LD50 (ALKANES, C10-14-ISO-; EC No: 918-481-9)
Exposure route: Oral
Effective dose: > 10000 mg/kg
Acute dermal toxicity
Parameter: LD50 (ALKANES, C10-13-ISO-; EC No: 918-481-9)
Exposure route: Dermal
Effective dose: > 3160 mg/kg
Acute inhalation toxicity
Parameter: LC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC; CAS No.: 64742-94-5) Exposure route: Inhalation
Species: Rat
Effective dose: > 590 mg/m3
Exposure time: 4 h

Skin corrosion/irritation:	Repeated exposure may cause skin dryness or cracking. Prolonged or repeated contact with skin may result in irritation symptoms such as redness, blistering, dermatitis, etc.
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
Repeated dose toxicity:	Based on available data, the classification criteria are not met.
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

Ecotoxicity:
The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1 Toxicity Aquatic toxicity
No detrimental effect to aquatic organisms up to the tested concentration
Acute (short-term) algae toxicity
Parameter: EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC; CAS No.: 64742-94-5)
Species: Algae
Effective dose: 1 - 3 mg/l
Exposure time: 72 h
Parameter: EC50 (SOLVENT NAPHTA (PETROLEUM), HEAVY AROMATIC ; CAS No.: 64742-94-5)
Species: Daphnia
Effective dose: 3 - 10 mg/l
Exposure time: 48 h.

12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential No information available.

12.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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
Send to a hazardous waste incinerator facility under observation of official regulations. Clean IBCs or drums at approved facility only. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

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

National regulations
Technische Anleitung Luft (TA-Luft)
Weight fraction (Number 5.2.5. I) : < 5 %
Water hazard class (WGK)
Class: 2 (Hazardous to water) Classification according to VwVwS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Approved Code of Practice Classification and labelling of Substances and Preparations Dangerous for Supply Safety Data Sheets for Substances and Preparations.

EU Directives

Regulations (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.

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

H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects
H412 May cause long lasting harmful effects to aquatic life

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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