

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**1.1 Product Identifier**

Material name : Power Maxed Catalytic Cleaner
Product code : PMCAT
UFI : RQ28-5318-F00A-5W4N

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

Product use : Solvent

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 during normal opening hours - 9am-5pm). In an emergency call the
National emergency telephone number: emergency services.

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 Hazards	Flam.Liq.2; H225
Human health	Asp. Tox.1; H304; Sk.Irrit.2; H315; Eye Dam.1; H318; STOT SE3; H336
Environment	Not classified

2.2 Label elements

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

Signal word: Danger

Contains: Xylene, Distillates, (Petroleum) Hydrotreated Light,
Alcohol ethoxylate with 6MEO

Pictogram(s):



Hazard Statements:	H225	Highly flammable liquid and vapour.
	H304	May be fatal if swallowed and enters airways.
	H315	Causes skin irritation.
	H318	Causes serious eye damage
	H336	May cause drowsiness or dizziness.

SAFETY DATA SHEET

Page 2 of 9
Issued: 27/10/2022; Revision No.1
Regulation (EU) 2020/878

Precautionary

Statements:	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P260	Do not breathe vapours.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
	P331	Do NOT induce vomiting.
	P302+P352	IF ON SKIN: Wash with plenty of water.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
	P310	Immediately call a POISON CENTER/doctor.
	P403+P235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with local/national regulations.

2.3 Other hazards: No data available.

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
XYLENE (MIXED ISOMERS)	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	Flam. Liq. 3; H226 Ac.Tox.4; H312, H332 Sk.Irrit. 2; H315	No relevant data.	25-35%
ACETONE	67-64-1 200-662-2 606-001-00-8 01-2119471330-49	Flam.Liq. 2; H225 Eye Irrit. 2; H319 STOT SE3; H336 EUH066	No relevant data.	10-20%
PROPAN-2-OL	67-63-0 200-661-7 01-2119457558-25	Flam. Liq.2; H225 Eye Irrit.2; H319 STOT SE3; H336	No relevant data.	10-20%
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT (ODOURLESS KEROSENE)	64742-47-8 265-149-8 01-2119484819-18	Asp.Tox.1; H304	No relevant data.	10-20%
SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC	64742-94-5 265-198-5	Asp.Tox.1; H304	No relevant data.	1-5%
C9-11 ALCOHOL ETHOXYLATE WITH 6.5 MEO	68439-46-3 614-482-0 01-2119980051-45	Ac.Tox.4; H302 Eye Dam.1; H318	No relevant data.	1-5%

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: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Rinse with water for 10 minutes and seek immediate medical advice.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: May cause drowsiness or dizziness, if affected remove to fresh air and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed: May cause eye damage. May cause irritation to skin.

4.3 Indication of any immediate medical attention and special treatment needed: See skin and eye contact information above.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use Carbon Dioxide, Dry Powder or Foam.

Unsuitable extinguishing media: Water jet.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers. Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

6.3 Methods and materials for containment and cleaning up

Use absorbent material, sand, earth, vermiculite, etc. and place in a container for disposal; flush spillage site with water.

6.4 References to other sections: See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Handle with care. General good housekeeping practices. Do not eat or drink whilst using the product.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s): No information available.

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

Chemical name	8hr TWA	15min STEL	Reference
Xylene (mixed isomers)	220 mg/m ³ /50 ppm	441 mg/m ³ /100 ppm	(Sk) UK EH40/2005; EU IOEL
Acetone	1210 mg/m ³ /500 ppm	3620 mg/m ³ /1500ppm	UK EH40/2005; EU IOEL
Propan-2-ol	999 mg/m ³ /400 ppm	1250 mg/m ³ /500 ppm	UK EH40/2005
Distillates (Petroleum) Hydrotreated Light	200 mg/m ³	-	Supplier

Information on monitoring procedures:

Reference standard: EN 14042:2003 - "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

DNEL:

Area of application	Exposure route	Xylene (mixed isomers)	Acetone	Propan-2-ol
Consumer	Inhalation-Long term systemic effects	14.8 mg/m ³	200 mg/m ³	89 mg/m ³
Consumer	Dermal-Long term systemic effects	108 mg/kg bw/day	62 mg/kg/bw/day	319 mg/kg/bw/day
Consumer	Oral-Long term systemic effects	-	62 mg/kg/bw/day	26 mg/kg bw/day
Workers	Inhalation-Short term systemic effects	-	2420 mg/m ³	-
Workers	Inhalation-Long term systemic effects	77 mg/m ³	1210 mg/m ³	500 mg/m ³
Workers	Dermal-Long term systemic effects	180 mg/kg/day	186 mg/kg/bw/day	888 mg/kg bw/day

PNEC:

Environment	Xylene (mixed isomers)	Acetone
Aquatic Compartment		
Fresh water	0.327 mg/l	10.6 mg/l
Marine water	0.327 mg/l	1.06 mg/l
Water-intermittent (sporadic) release	6.58 mg/l	21 mg/l
Dry Sediment – fresh water	12.46 mg/kg	30.4 mg/kg
Dry Sediment – marine water	12.46 mg/kg	3.04 mg/kg
Terrestrial Compartment		
Dry soil	2.31 mg/kg	33.3 mg/kg
Sewage treatment plant	-	100 mg/l

The hydrocarbon solvent is a hydrocarbon with a complex, unknown or variable composition (UVCB). Conventional methods of deriving PNECs are not appropriate and it is not possible to identify a single representative PNEC for such substances.

8.2 Exposure controls

Appropriate engineering controls: Ensure there is sufficient ventilation of the area.

Personal protection

Eye/face protection: Chemical splash goggles if eye contact is reasonably probable. The selected goggles or glasses must satisfy the European standard EN 166.

Skin protection: Wear chemically resistant gloves such as butyl rubber approved to standard EN 374; material thickness 0.5mm; break through time \geq 480 min. Gloves must be replaced after 8 hours of wear. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Check with glove manufacturer for specific advice.

Depending on the conditions of use, protective gloves, apron, boots, head and face protection should be worn. The selected protective clothing has to satisfy the standard EN 13034, which describes clothing offering limited 8 hour protection against splashes. Use PPE that is chemically resistant to the product and prevents skin contact. (Sk) noted above means can be absorbed through skin.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required, in which case use a respirator fitted with an organic vapour filter.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Colourless
Odour	Characteristic
Melting point/freezing point	No data available
Boiling point/range	No data available
Flammability	Flammable
Lower/Upper explosion limit	0.8% / 13.0%
Flash point	Between -18°C to 23°C (estimated)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	Not applicable – not 100% polar
Kinematic viscosity	<20.5 mm ² /s @ 40°C
Solubility	Partially soluble in water
Partition coefficient: n-octanol/water	Not applicable for mixtures
Vapour pressure	No data available
Density	~0.8
Relative vapour density	No data available
Particle characteristics	Not applicable

9.2 Other information: VOC Content: ~95%

10. STABILITY AND REACTIVITY

10.1 Reactivity	Generally non-reactive.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	None if stored and used as directed.
10.4 Conditions to avoid	Hot surfaces. Sources of ignition. Flames.
10.5 Incompatible materials	Strong acids. Strong alkalis. Strong oxidising agents.
10.6 Hazardous decomposition products	Oxides of carbon, acrid smoke, irritating fumes.

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

The mixture as a whole has not been tested for toxicological effects. Toxicological data on individual components is listed below.

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
XYLENE (MIXED ISOMERS)	3523 mg/kg (Male Rat)	>20,000 mg/m ³ (Rat) 4h	>2000 mg/kg (Rabbit)
ACETONE	5800 mg/kg (Rat)	>50100 mg/m ³ (Rat)	7426 mg/kg (Guinea pig)
PROPAN-2-OL	>5000 mg/kg (Rat)	No data available	>5000 mg/kg (Rabbit)
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT/SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC	>5000 mg/kg (Rat)	>5.28 mg/l (Rat) 4h	>2000 mg/kg (Rabbit)
C9-11 ALCOHOL ETHOXYLATE WITH 6.5 MEO	3488 mg/Kg (Rat)	>1600 mg/m ³ (Rat) 4h	>2000 mg/kg (Rat)

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	The mixture is classified as Sk. Irrit. 2, H315: Causes skin irritation.
Serious eye damage/eye irritation:	The mixture is classified as Eye Dam. 1, H318: Causes serious eye damage.
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.
STOT – single exposure:	The mixture is classified as STOT SE3, H336; May cause drowsiness or dizziness.
STOT – repeated exposure:	Based on available data, the classification criteria are not met.
Aspiration hazard:	The mixture is classified as Asp.1; H304; May be fatal if swallowed and enters airways.
11.2 Information on other hazards	No information available.
Endocrine disrupting properties	No ingredients have been identified as having endocrine disrupting properties.

SAFETY DATA SHEET

Page 7 of 9
 Issued: 27/10/2022; Revision No.1
 Regulation (EU) 2020/878

12. ECOLOGICAL INFORMATION

The mixture as a whole has not been tested for ecological effects. Ecological data on individual components is listed below.

Chemical name	Species	Test	Value
XYLENE (MIXED ISOMERS)	Daphnia	EC50 24h	3.82 mg/l
	Rainbow trout	LC50 96h	2.6 mg/l
	Algae	EC50 24h	4.63 mg/l
ACETONE	Daphnia	EC50 48h	8800 mg/l
	Rainbow trout	LC50 96h	5540 mg/l
	Algae	NOEC 8h	530 mg/l
PROPAN-2-OL	Daphnia	EC50 48h	>100 mg/l
	Golden ide	LC50 48h	>100 mg/l
	Algae	EC50 72h	>100 mg/l
DISTILLATES (PETROLEUM) HYDROTREATED LIGHT/SOLVENT NAPHTHA (PETROLEUM) HEAVY AROMATIC	Daphnia	LL/EL/IL50	>1<=10 mg/l
	Fish	LL/EL/IL50	>1<=10 mg/l
	Algae	LL/EL/IL50	>1<=10 mg/l
C9-11 ALCOHOL ETHOXYLATE WITH 6.5 MEO	Fish	LC50 96h	5-7 mg/l
	Daphnia	EC50 48h	2.5 mg/l
	Algae	ErC50 96h	1.4 mg/l

12.1 Toxicity	Based on available data, the classification criteria are not met.
12.2 Persistence and degradability	Readily biodegradable.
12.3 Bioaccumulative potential	The hydrocarbon solvent has the potential for bioaccumulation.
12.4 Mobility in soil	Partially soluble in water.
12.5 Results of PBT and vPvB assessment	Not considered to be PBT or vPvB.
12.6 Endocrine disrupting properties	No ingredients have been identified as having endocrine disrupting properties.
12.7 Other adverse effects	
Persistent Organic Pollutant	This product does not contain any known or suspected substance.
Ozone Depletion Potential	This product does not contain any known or suspected substance.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations. Do not dispose of waste into sewer.
 Do not dispose of together with household waste. Contact licensed waste disposal company.
 Empty containers should be taken to an approved waste handling site for recycling or disposal.
 Do not burn or use a cutting torch on the empty container.

14. TRANSPORT INFORMATION**14.1 UN number:** 1993**14.2 UN proper shipping name:** FLAMMABLE LIQUID, N.O.S
(Xylene and Acetone Solution)**14.3 Transport hazard class(es):** Class: 3

Transport labels:

**14.4 Packing Group:** II**14.5 Environment hazards:** Marine Pollutant: No**14.6 Special precautions for user:** EMS: F-E, S-E
Tunnel restriction code: (D/E)**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****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.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards: On basis of test data/Expert judgement.
Health hazards: Calculation method
Environmental hazards: Not classified

SAFETY DATA SHEET

Page 9 of 9
Issued: 27/10/2022; Revision No.1
Regulation (EU) 2020/878

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

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin.
H315	Causes skin irritation
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness
EUH066	Repeated exposure may cause skin dryness or cracking.

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.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page]