SAFETY DATA SHEET
POWER MAXED+ ALL WEATHER SCREENWASH

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

1.1. Product identifier

Product name POWER MAXED+ ALL WEATHER SCREENWASH

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

Identified uses Screenwash.

Uses advised against This product is NOT for human consumption. Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier
Automotive Brands Building
Old Concrete Works
Bretforton Road
Weston Subedge, WR11 7QA
+44 (0)871 288 7125

info@powermaxed.com

Contact person For content of safety data sheet: info@powermaxed.com

Manufacturer
Automotive Brands Building
Old Concrete Works
Bretforton Road
Weston Subedge, WR11 7QA
+44 (0)871 288 7125

info@powermaxed.com

1.4. Emergency telephone number

Emergency telephone +44 (0)871 288 7125

National emergency telephone number For the emergency services - the ambulance, police and fire services - Tel: 999 / When you need medical advice or treatment but it is not an emergency - Tel: 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Warning

POWER MAXED+ ALL WEATHER SCREENWASH

Hazard statements H226 Flammable liquid and vapour.

Precautionary statements P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use dry powder, dry sand or dry earth to extinguish.
P501 Dispose of contents/ container in accordance with local regulations.

2.3. Other hazards

Other hazards None known

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ETHANOL **10-25%**

CAS number: 64-17-5 | EC number: 200-578-6 | REACH registration number: 01-2119457610-43-XXXX

Classification
Flam. Liq. 2 - H225

propan-2-ol **<1%**

CAS number: 67-63-0 | EC number: 200-661-7 | REACH registration number: 01-2119457558-25-XXXX

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319
STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

Skin contact Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Skin contact Prolonged contact may cause redness, irritation and dry skin.

Eye contact May cause temporary eye irritation.

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

Notes for the doctor No specific recommendations.

POWER MAXED+ ALL WEATHER SCREENWASH

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. Contaminated surfaces will be extremely slippery.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid contact with skin and eyes.

Advice on general occupational hygiene No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

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

Occupational exposure limits

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

ETHANOL

POWER MAXED+ ALL WEATHER SCREENWASH

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

propan-2-ol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³
WEL = Workplace Exposure Limit.

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate ventilation.
Eye/face protection	No specific eye protection required during normal use.
Hand protection	For users with sensitive skin, it is recommended that suitable protective gloves are worn.
Other skin and body protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue.
Odour	Alcoholic.
pH	pH (diluted solution): 7.0 - 9.0
Relative density	~ 0.97 @ 20°C
Solubility(ies)	Soluble in water.
Explosive properties	Not applicable.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

POWER MAXED+ ALL WEATHER SCREENWASH

Possibility of hazardous reactions	Not applicable.

10.4. Conditions to avoid

Conditions to avoid	Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD_{50})	Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation	Not classified. Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation	Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation	Not sensitising. Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation	Not classified. Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro	Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity	Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility	Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

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

General information	This product has low toxicity.

POWER MAXED+ ALL WEATHER SCREENWASH

Inhalation	No specific health hazards known.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.
Eye contact	May cause temporary eye irritation.

Toxicological information on ingredients.

ETHANOL

Skin corrosion/irritation

Summary	No data available.

Serious eye damage/irritation

Summary	Eye Irritation

Respiratory sensitisation

Summary	No data available

Skin sensitisation

Summary	No data available

Germ cell mutagenicity

Summary	No data is available on this product.

Carcinogenicity

IARC carcinogenicity	IARC Group 1 Carcinogenic to humans.

Reproductive toxicity

Summary	No data is available on this product.

Specific target organ toxicity - single exposure

Summary	No data available

Specific target organ toxicity - repeated exposure

Summary	No data available

Aspiration hazard

Summary	No data available

Acute and chronic health hazards	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

propan-2-ol

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	5,840.0
Species	Rat
ATE oral (mg/kg)	5,840.0

Acute toxicity - dermal

POWER MAXED+ ALL WEATHER SCREENWASH

Acute toxicity dermal (LD_{50} mg/kg)	13,120.0
Species	Rabbit
ATE dermal (mg/kg)	13,120.0

Skin corrosion/irritation

Animal data	Primary dermal irritation index: 0 Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Dose: 0.1 ml, 14 days, Rabbit Causes serious eye irritation.

Skin sensitisation

Skin sensitisation	Buehler test - Guinea pig: Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	Gene mutation: Negative.
Genotoxicity - in vivo	Chromosome aberration: Negative.

Carcinogenicity

Carcinogenicity	NOEL 5000 ppm, Inhalation, Mouse
IARC carcinogenicity	IARC Group 3 Not classifiable as to its carcinogenicity to humans.

SECTION 12: Ecological information

Ecological information on ingredients.

ETHANOL

Ecotoxicity	Do not empty into drains. Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.

12.1. Toxicity

Toxicity Not considered toxic to fish

Ecological information on ingredients.

ETHANOL

Acute aquatic toxicity

Acute toxicity - fish	Fathead minnow (Pimephales promelas) LC50 = 14200 mg/l/96h
Acute toxicity - aquatic invertebrates	EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h
Acute toxicity - aquatic plants	EC50 (72h) = 275 mg/l (Chlorella vulgaris)

propan-2-ol

Acute aquatic toxicity

Acute toxicity - fish	LC_{50}, 96 hours: 10000 mg/l, Pimephales promelas (Fat-head Minnow)

POWER MAXED+ ALL WEATHER SCREENWASH

Acute toxicity - aquatic invertebrates	LC_{50}, 24 hours: > 10000 mg/l, Daphnia magna LC_{0}, 24 hours: 50000 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product. The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

Ecological information on ingredients.

ETHANOL

Persistence and degradability	Persistence is unlikely based on information available.

propan-2-ol

Biodegradation	Water - Degradation (53%): 5 days The substance is readily biodegradable.
Biological oxygen demand	1.19 g O_2/g substance
Chemical oxygen demand	2.23 g O_2/g substance

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

ETHANOL

Bioaccumulative potential	No information available.
Partition coefficient	Not available.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

Ecological information on ingredients.

ETHANOL

Mobility	Will likely be mobile in the environment due to its volatility.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

propan-2-ol

Results of PBT and vPvB assessment	This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

POWER MAXED+ ALL WEATHER SCREENWASH

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible.

Disposal methods The packaging must be empty (drop-free when inverted). Waste packaging should be collected for reuse or recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1987

UN No. (IMDG) 1987

UN No. (ICAO) 1987

UN No. (ADN) 1987

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ALCOHOLS, N.O.S. (CONTAINS ETHANOL (ETHYL ALCOHOL), propan-2-ol)

Proper shipping name (IMDG) ALCOHOLS, N.O.S. (CONTAINS ETHANOL (ETHYL ALCOHOL), propan-2-ol)

Proper shipping name (ICAO) ALCOHOLS, N.O.S. (CONTAINS ETHANOL (ETHYL ALCOHOL), propan-2-ol)

Proper shipping name (ADN) ALCOHOLS, N.O.S. (CONTAINS ETHANOL (ETHYL ALCOHOL), propan-2-ol)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID classification code F1

ADR/RID label 3

IMDG class 3

ICAO class/division 3

ADN class 3

Transport labels

14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ICAO packing group III

ADN packing group III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

POWER MAXED+ ALL WEATHER SCREENWASH

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations	Control of Substances Hazardous to Health Regulations 2002 (as amended). EH40/2005 Workplace exposure limits.
EU legislation	Commission Regulation (EU) No 2015/830 of 28 May 2015. 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 (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (as amended). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Revision	1
SDS number	24604
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

DIRECTIONS FOR USE

PRODUCT LOGO