

SAFETY DATA SHEET

according to 1907/2006 EC, Article 31

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AAA Classic Coolant Cleaner

Revision 0
Revision date 17-May-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product code 11500
Product name AAA Classic Coolant Cleaner
Description Engine Cooling System Cleaner.
Company AAA Solutions Limited
PO Box 216
Dorking
RH4 2FD
United Kingdom
msds@aaaclassic.com
Emergency telephone number +44 (0) 7821 513278

2 HAZARDS IDENTIFICATION.

Main hazards Causes severe burns.

3 . COMPOSITION / INFORMATION ON INGREDIENTS.

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Potassium hydroxide	1 - 10%	1310-58-3	215-181-3	Xn; R22 C; R35
Water	72%	7732-18-5		

4. FIRST AID MEASURES

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye contact Causes burns. Causes severe inflammation and may damage the cornea. Seek medical attention.
Inhalation Move the exposed person to fresh air. If breathing stops, provide artificial respiration. Seek medical attention.
Ingestion DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

Extinguishing media Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray.
Fire hazards Corrosive. Burning produces irritating, toxic and obnoxious fumes.
Protective equipment Wear self contained breathing apparatus and protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation of the working area. .Evacuate personnel to a safe area. Wear suitable protective equipment.
Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
Clean up methods	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
Storage	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Potassium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 2
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Engineering measures	Ensure adequate ventilation of the working area.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
Respiratory protection	Self-contained breathing apparatus.
Hand protection	Chemical resistant gloves (PVC)
Eye protection	Approved safety goggles.
Protective equipment	Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Colour	Brown.
Odour	Mild.
Boiling point	101.7°C
Relative density	1.18

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Moisture.
Materials to avoid	Strong acids.

11. TOXICOLOGICAL INFORMATION

Toxicological information

Potassium hydroxide	Oral Rat LD50 = 273 mg/kg
Water	Oral Rat LD50 = >90 mL/kg

Acute toxicity	Harmful if swallowed. Inhalation of vapour may cause shortness of breath.
Corrosivity	Causes burns.

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12. ECOLOGICAL INFORMATION

Ecotoxicity

Potassium hydroxide

Fish LC50/24h = 80 mg/l

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 1814	Packing group II
Class 8	Hazard ID 80
Proper Shipping Name	POTASSIUM HYDROXIDE, SOLUTION .

IMDG

UN 1814	Packing group II
Class 8	Marine pollutant NO
EmS Code	F-A S-B

IATA

UN 1814	Packing group II
Class 8	Subsidiary risk -
Packing Instruction (Cargo)	813
Packing Instruction (Passenger)	809
	Maximum quantity 30 L
	Maximum quantity 1 L

15. REGULATORY INFORMATION

Symbols C - Corrosive



Risk phrases R35 - Causes severe burns.

Safety phrases S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of soap and water.
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION

Text of risk phrases in Section 3. R22 - Harmful if swallowed.
R35 - Causes severe burns.

Restricted use Engine Cooling System Cleaner.

Further information The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.