

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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KAYAK KLEAN STEP 1

Revision 3

Revision date 2013-03-27

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

1.1. Product identifier

Product name KAYAK KLEAN STEP 1

1.3. Details of the supplier of the safety data sheet

Company	AUGUST RACE WORLDWIDE LIMITED
Address	Unit 7 Singers Yard Paignton DEVON TQ32AH
Web	www.august-race.com
Telephone	+44 (0)1803 224363
Fax	
Email	info@august-race.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC
Xi; R36
Symbols: Xi: Irritant.

Main hazards Irritating to eyes.

2.3. Other hazards

Other hazards SPILLAGE MAY CREATE SLIP HAZARD.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
WATER					80 - 90%	
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		0 - 0.5%	Carc. Cat. 3; R40 Xn; R22 Xi; R36
2 BUTOXY ETHANOL (2-Butoxyethanol)		111-76-2	203-905-0		1 - 10%	
TETRA POTASSIUM PYROPHOSPHATE		7320-34-5	230-785-7		1 - 10%	Xi; R36
POTASSIUM SALT OF ETHER PHOSPHATE ESTER					0.5 - 1%	
ALCOHOL ETHOXYLATE		68439-45-2			0.5 - 1%	Xn; R22 Xi; R41
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)		57-55-6	200-338-0		0 - 0.5%	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5		0 - 0.5%	C; R35

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	May cause irritation to mucous membranes. Move the exposed person to fresh air.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Adopt best Manual Handling considerations when handling, carrying and dispensing.
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6.2. Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.
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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

2 BUTOXY ETHANOL (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m ³ : -
PROPANE-1,2-DIOL (Propane-1,2-diol particulates)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : 10
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
PROPANE-1,2-DIOL (Propane-1,2-diol total vapour and particulates)	WEL 8-hr limit ppm: 150	WEL 8-hr limit mg/m ³ : 474
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : -
Sodium hydroxide	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m ³ : -
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m ³ : 2

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8.2. Exposure controls

8.2.1. Appropriate engineering controls	Not normally required.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	In case of splashing, wear: Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (PVC).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Characteristic
pH	11.5 NOMINAL
Boiling point	100
Relative density	1.03 NOMINAL

Water solubility

Soluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	May cause degreasing of the skin. May cause irritation to eyes.

11.1.4. Toxicological Information

POTASSIUM SALT OF ARYL ETHER PHOSPHATE ESTER	Oral Rat LD50: >2000mg/Kg
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SECTION 12: Ecological information

12.1. Toxicity

No data is available on this product.

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Further information

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information


Labelling

Symbols	Xi: Irritant.
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Labelling	
Symbols	
Risk phrases	R36 - Irritating to eyes.
Safety phrases	S2 - Keep out of the reach of children. S24/25 - Avoid contact with skin and eyes. S36 - Wear suitable protective clothing. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
SECTION 16: Other information	
Other information	
Revision	This document differs from the previous version in the following areas:. 2 - 2.1. Classification of the substance or mixture. 6 - 6.1. Personal precautions, protective equipment and emergency procedures. 7 - 7.1. Precautions for safe handling. 8 - 8.2.1. Appropriate engineering controls. 15 - Labelling. 15 - Risk phrases.
Text of risk phrases in Section 3	R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R35 - Causes severe burns. R36/38 - Irritating to eyes and skin. R36 - Irritating to eyes. R40 - Limited evidence of a carcinogenic effect. R41 - Risk of serious damage to eyes.
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.