



SAFETY DATA SHEET

Oa2ki Concentrate

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	Oa2ki Concentrate
APPLICATION	Insecticide based on natural ingredients.
SUPPLIER	Barrettine Barrettine Works St Ivel Way Warmley Bristol BS30 8TY 0117 960 0060 0117 935 2437 sales@barrettine.co.uk
EMERGENCY TELEPHONE	0870 190 6777

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

ENVIRONMENT

This product, which is a mixture of substances derived from natural extracts, is not expected to be hazardous to the environment.

HUMAN HEALTH

All chemical substances should be used and stored with care. There are no known deleterious effects of this product.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
Geraniol	203-377-1	106-24-1	-	-
PEG-40 hydrogenated castor oil	500-147-5	61788-85-0	-	-
Cocos Nucifera	232-282-8	8001-31-8	-	-
citric acid	201-069-1	77-92-9	-	-
Aqua	231-791-2	7732-18-5	-	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Remove victim immediately from source of exposure.

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get medical attention if any discomfort or irritation persists.

5 FIRE-FIGHTING MEASURES

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EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use high pressure water jet as this may spread burning material.

SPECIFIC HAZARDS

In case of fire, toxic and corrosive gases may be formed. Contact with water may cause frothing.

PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator, gloves and protective goggles. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

Cover all drains and sewers. Avoid spreading spilt material.

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Flushings must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against water run-off.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Wash thoroughly after handling. Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place. Keep away from food, drink and animal feeding stuffs. Protect against direct sunlight.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING MEASURES

All handling to take place in well-ventilated area.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

Hand protection not required.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Colourless-pale yellow liquid		
ODOUR	Characteristic		
SOLUBILITY	Emulsifiable in water		
BOILING POINT (°C)	96 to 100°C.	MELTING POINT (°C)	0°C. (freezes)
RELATIVE DENSITY	0.99 - 10.01 20°C.	pH-VALUE, CONC. SOLUTION	7.2 - 7.8
VISCOSITY	10 - 15 mPas		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

None known.

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HAZARDOUS DECOMPOSITION PRODUCTS

None known.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

INHALATION

No specific health warnings noted.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Not irritating.

EYE CONTACT

Not known to be irritating.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment. Environmental effects of this preparation are based on assessment of the ingredients, which are derived from naturally occurring sources.

LC 50, 96 Hrs, FISH mg/l >500

EC 50, 48 Hrs, DAPHNIA, mg/l >1000

MOBILITY

The product is partly soluble in water. May spread in the aquatic environment.

BIOACCUMULATION

The product is not bioaccumulating.

DEGRADABILITY

Readily biodegradable.

WATER HAZARD CLASSIFICATION

WGK 0 (self assessment)

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Do not dispose to landfill or in water courses.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL This product is Not Classified for transport.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

EU DIRECTIVES

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 No. 1689. (CHIP3)

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2007)

Management of Health & Safety at Work Regulations 1999.

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APPROVED CODE OF PRACTICE

Control of substances hazardous to health - Approved Code of Practice and Guidance L5 (2005) HSE Books.

GUIDANCE NOTES

COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at www.hse.gov.uk/pubns/guidance/index.htm

CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION COMMENTS

First Issue.

DATE 15-May-08

RISK PHRASES IN FULL

NC Not classified.

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.