



SAFETY DATA SHEET
Oa2Ki aerosol

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

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

CLASSIFICATION (1999/45)	F+;R12.
CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards Human health Environment
	Flam. Aerosol 1 - H222 Not classified. Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger

HAZARD STATEMENTS

H222	Extremely flammable aerosol.
PRECAUTIONARY STATEMENTS	
P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P370+380+375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
	Keep away from food, drink and animal feedingstuffs.
P501A	Dispose of contents/container in accordance with local authority requirements.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Oa2Ki aerosol

diatomaceous earth	50-75%
CAS-No.: 61790-53-2	EC No.: 310-127-6
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

BUTANE	<25%
CAS-No.: 106-97-8	EC No.: 203-448-7
Classification (EC 1272/2008) Flam. Gas 1 - H220	Classification (67/548/EEC) F+;R12

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

Not relevant.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Oa2Ki aerosol

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
diatomaceous earth		10 mg/m3 inh. dust	4 mg/m3 resp.dust			

WEL = Workplace Exposure Limit.

COSHH

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use eye protection.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
ODOUR	Characteristic
RELATIVE DENSITY	ca. 0.63
FLASH POINT (°C)	-60°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

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

INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

SKIN CONTACT

Product has a defatting effect on skin. May cause skin irritation/eczema. Not irritating.

EYE CONTACT

Not known to be irritating.

OTHER HEALTH EFFECTS

Not known to be carcinogenic or mutagenic and no known reproductive toxicity.

ROUTE OF ENTRY

Inhalation.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

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WATER HAZARD CLASSIFICATION

N/A.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	AEROSOLS
UN NO. ROAD	1950
ADR CLASS NO.	2.1
ADR CLASS	Class 2.1: Flammable gases.
ADR PACK GROUP	5F, 9E
ADR LABEL NO.	3
HAZCHEM CODE	N/A
UN NO. SEA	1950
IMDG CLASS	2.1
IMDG PACK GR.	N/A
EMS	2-13
UN NO. AIR	1950
AIR CLASS	2.1
AIR SUB CLASS	N/A
AIR PACK GR.	N/A

15 REGULATORY INFORMATION

EU DIRECTIVES

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

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

Aerosols Directive 75/324/EEC as amended by 94/1/EC.

EC Regulation 1272/2008 (as amended): CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Aerosol Dispensers Regulations 2009 (SI 2824)

16 OTHER INFORMATION

GENERAL INFORMATION

Note: COSHH defines dusts of any kind as hazardous to health when present at a concentration in air equal to or greater than 10 mg.m-3 8hr TWA of inhalable dust or 4 mg.m-3 8hr TWA of respirable dust. See EH40 para.42.

Any dust will be subject to COSHH if people are exposed above these levels.

REVISION DATE 22-JUL-11 - rev: 02: 00870

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REVISION COMMENTS

Revised CLP Precautionary phrase(s).

REVISION DATE 22-JUL-11 - rev: 02: 00870

REV. NO./REPL. SDS 02 replaces 01:00870 dated 14-FEB-11

GENERATED

HAZARD STATEMENTS IN FULL

H220 Extremely flammable gas.

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.