

Material Safety Data Sheet

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Infosafe No. 8AF7T Issue Date : September 2001 ISSUED by CASTROL

Product Name : **CASTROL OPTIMOL VISCOGEN KL 3 SPRAY**

Not classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name CASTROL OPTIMOL VISCOGEN KL 3 SPRAY
Product Code 65004A
Company Name Castrol Australia Pty. Limited (ABN 87 008 459 407)
Address 132 McCredie Road, Guildford,
NSW, 2161
Emergency Tel. 1800 638 556
Telephone Tel: (02) 9795 4800 Fax: (02) 9795 4910
Number/Fax
Other Information Castrol Technical Help Line 1300 557 998 (Local call)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Contains no other ingredients now known to be hazardous as defined by OSHA.

Ingredients	Name	CAS	Proportion
	Butane	106-97-8	10-30 %
	Propane	74-98-6	1-5 %

3. HAZARDS IDENTIFICATION

Route(s) of Entry Skin contact, eye contact, inhalation.

4. FIRST AID MEASURES

Inhalation If respiratory discomfort or irritation occurs, move the person to fresh air. See a doctor if discomfort or irritation continues.
Ingestion If swallowed, call a physician immediately. Only induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.
Skin Wash skin with soap and water. If irritation occurs, get medical attention. Wash clothing before reuse.
Eye In case of contact, flush eyes with plenty of water. Get medical attention if irritation persists.
First Aid Facilities Eyewash facility.

5. FIRE FIGHTING MEASURES

Extinguishing Media Carbon dioxide, dry chemical, foam.
Specific Methods Wear self contained breathing apparatus when fire fighting in a confined space. Cool fire exposed containers with waterspray to prevent rupture.
Specific Hazards Aerosols may burst if exposed to temperatures above 50°C. Contents of aerosol cans are under pressure, DO NOT PUNCTURE. Contains flammable propellants: DO NOT SPRAY INTO OR NEAR OPEN FLAME. DO NOT SPRAY ON EXTREMELY HOT (INCANDESCENT OR GLOWING) SURFACES.
Hazardous Combustion Products Potential combustion products are oxides of C, N, sulfur and phosphorus.

6. ACCIDENTAL RELEASE MEASURES

Other Information Recover free liquid or absorb spill with inert material (e.g. dry sand or earth), then place in chemical waste container. Keep product out of streams and waterways by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas.

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits	CAS NUMBER	EXPOSURE GUIDELINES
	106-97-8	800 ppm TWA; 1900 mg/m ³ TWA
	74-98-6	simple asphyxiant

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Respiratory Protection	Good industrial hygiene practices recommend that engineering controls be used to reduce environmental concentrations to the threshold limit value (TLV) or permissible exposure limit (PEL). If any associated TLV or PEL is exceeded, provide NIOSH approved respiratory protection.
Eye Protection	Safety glasses with side shield or chemical goggles.
Hand Protection	Chemical resistant gloves should be used when handling this product.
Body Protection	Appropriate clothing to avoid skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Aerosol propelled green liquid, mild odour.
Melting Point	0°C
Boiling Point	Not determined
Solubility in Water	Insoluble
Specific Gravity (H2O=1)	at 15°C (H2O=1): 0.9300
pH Value	Not applicable
Vapour Pressure	(mm Hg): 6900 mbar at 50°C
Vapour Density (Air=1)	Not determined
Evaporation Rate	Not determined
Coefficient Water/Oil Distr.	Not determined
Viscosity	Not available
Volatile Component	25%
Flash Point	21°C DIN 51 755
Ignition Temperature	Not determined
Flammable Limits LEL	Not determined
Flammable Limits UEL	Not determined
Molecular Weight	Not applicable
Other Information	Freezing Point: Not determined Density: Not calculated Softening Point: Not determined Bulk Density: Not determined VOC: Not tested Saturated Vapour Concentration: Not determined

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. CONDITIONS TO AVOID: Extreme heat.
Materials to Avoid	Strong oxidisers, heat and sources of ignition.
Hazardous Decomposition Products	Potential combustion products are oxides of C, N, sulfur and phosphorus.

11. TOXICOLOGICAL INFORMATION

Toxicology Information	Oral LD50 not established.
Inhalation	TLV/PEL for product not established. May cause slight irritation of upper respiratory tract.
Ingestion	Do not ingest.
Skin	Prolonged exposure may irritate skin. SKIN ABSORPTION: No acute effects expected.
Eye	May cause eye irritation.
Chronic Effects	A review of the literature does not show obvious long term hazard.
Carcinogenicity	No component present in this product at >0.1% is presently listed as a carcinogen by IARC, NTP or OSHA.

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12. ECOLOGICAL INFORMATION

Environ. Protection No specific ecological data are available for this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal US EPA HAZARDOUS WASTE NUMBERS:
this product as purchased does not fall under current U.S. EPA RCRA definitions of hazardous waste. Under RCRA it is the generator's responsibility to determine the status of the waste at the time of its disposal.
GENERAL DISPOSAL CONSIDERATIONS:
Dispose of in accordance with local, state, and federal regulations. Approved method consists of collecting aerosols at a central location and disposal by qualified personnel in a trash compactor type unit rated safe for aerosols.

14. TRANSPORT INFORMATION

U.N. Number	1950
Proper Shipping Name	AEROSOLS
DG Class	2.1
Packaging Method	5.9.2
EPG Number	2D1
IERG Number	49

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Contact Person/Point For information concerning details on this Safety Data Sheet contact your local Technical Services Manager on the following numbers:-
Sydney: (02) 9795 4800
Melbourne: (03) 9268 4200
Brisbane: (07) 3850 9300
Adelaide: (08) 8347 6200
Perth: (08) 9268 9288

Castrol Technical Help Line 1300 557 998 (Local call)

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24 HOUR EMERGENCY CONTACT

1 800 638 556

24 HOUR EMERGENCY CONTACT (New Zealand Only)

0800 154 666

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