

## SAFETY DATA SHEET

### FLUXCLENNE Aerosol

#### 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME FLUXCLENNE Aerosol  
PRODUCT NO. EFLU200/400D  
APPLICATION Manufacture of electrical equipment  
SUPPLIER H K WENTWORTH PTY LIMITED  
P.O. BOX 339  
BROOKVALE, NSW 2100  
AUSTRALIA  
TEL: 02 9938 1566  
FAX: 02 9938 1467  
GENERAL MANAGER  
EMERGENCY TELEPHONE Tel: 029938 1566 between 8.30am and 5.00pm EST

#### 2 HAZARDS IDENTIFICATION

##### HAZARD ID

Highly flammable.

Vapours may cause drowsiness and dizziness.

Irritating to eyes and skin.

May cause sensitisation by skin contact.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### HAZARD ID 2

The above phrases are the risks associated with the product

##### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

##### SAFETY PHRASES

A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S51	Use only in well-ventilated areas.

##### DG CLASS

Class 2: Gases

PACKING GROUP N/A

UN NO. 1950

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

### FLUXCLENE Aerosol

Name	EC No.	CAS-No.	Content	Classification
CYCLOHEXANE	203-806-2	110-82-7	30-60%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	10-30%	R10
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			5-10%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
HEPTANE	205-563-8	142-82-5	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
d-LIMONENE	227-813-5	5989-27-5	1-5%	R10 R43 Xi;R38 N;R50/53
CARBON DIOXIDE	204-696-9	124-38-9	1-5%	-
HEXANE-norm	203-777-6	110-54-3	2.0593%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53

#### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels. Ingredients are registered on AICS.

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

Treat symptomatically.

#### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Get 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

Move container from fire area if it can be done without risk.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

### 6 ACCIDENTAL RELEASE MEASURES

#### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

#### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### FLUXCLENE Aerosol

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
1-METHOXY-2-PROPANOL	ES-TWA	100 ppm	369 mg/m3	150 ppm	553 mg/m3
CARBON DIOXIDE		5000 ppm	9000 mg/m3	30000 ppm	54000 mg/m3
CYCLOHEXANE		300 ppm	1030 mg/m3		
HEPTANE		400 ppm	1640 mg/m3	500 ppm	2050 mg/m3
HEXANE-norm	ES-TWA	20 ppm	72 mg/m3		
PROPAN-2-OL	ES-TWA	400 ppm	983 mg/m3	500 ppm	1230 mg/m3

**INGREDIENT COMMENTS**

Australian exposure limits are: LT= ES-TWA and ST= ES STEL

**PROTECTIVE EQUIPMENT**



**EYE PROTECTION**

Wear approved, tight fitting safety glasses where splashing is probable.

**OTHER PROTECTION**

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

**HYGIENE MEASURES**

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid		
COLOUR	Colourless		
ODOUR	Lemon		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	>80	MELTING POINT (°C)	<-29
RELATIVE DENSITY	0.780 @ 20 °c	VAPOUR PRESSURE	11.52 kPa @ 20 °c
FLASH POINT (°C)	0 CC (Closed cup).	AUTO IGNITION TEMPERATURE (°C)	> 200
FLAMMABILITY LIMIT - LOWER(%)	0.6	FLAMMABILITY LIMIT - UPPER(%)	8.3

### 10 STABILITY AND REACTIVITY

**STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalies.

### 11 TOXICOLOGICAL INFORMATION

**INHALATION**

Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SKIN CONTACT**

May cause sensitisation by skin contact. Prolonged or repeated exposure may cause severe irritation. Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Irritating to eyes.

## FLUXCLENE Aerosol

### Other Health Effects

This substance has no evidence of carcinogenic properties.

### ROUTE OF ENTRY

Skin and/or eye contact. Inhalation.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

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

## 14 TRANSPORT INFORMATION



UK ROAD CLASS	2		
PROPER SHIPPING NAME	AEROSOLS		
ADG CLASS			
Class 2.1: Flammable gases			
UN NO.	1950	UK ROAD PACK GR.	N/A
ADR CLASS NO.	2	DG CLASS	Class 2: Gases
PACKING GROUP	N/A	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2
RID PACK GROUP	N/A	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PACK GR.	N/A
EMS	F-D, S-U	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	1950
AIR CLASS	2.1	AIR PACK GR.	N/A

## 15 REGULATORY INFORMATION

### LABELLING



Irritant



Highly Flammable



Dangerous for the environment

### CONTAINS

d-LIMONENE

### RISK PHRASES

R11	Highly flammable.
R43	May cause sensitisation by skin contact.
R36/38	Irritating to eyes and skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

### SAFETY PHRASES

A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
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## FLUXCLENE Aerosol

A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24/25	Avoid contact with skin and eyes.
S51	Use only in well-ventilated areas.

### GUIDANCE NOTES

Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003 (1995)]

### NATIONAL REGULATIONS

National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC:1005(1994)]

National Code of Practice for the Control of Workplace Hazardous Substances [NOHSC:2007(1994)]

National Code of Practice for the Preparation of Material Safety Datasheets [NOHSC:2011(2003)]

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004) and List of Designated Hazardous Substances

POISONS SCHEDULE NUMBER NONE

## 16 OTHER INFORMATION

REVISION DATE NOVEMBER 2007

REV. NO./REPL. SDS GENERATED 0

SDS NO. 10371

### RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R36	Irritating to eyes.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

### DISCLAIMER

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