

SELKIL HSE 4828

K002

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

Product Code K002

Manufacturer : Selden Research Limited
 Staden Lane Business Park, Staden Lane,
 Buxton, Derbyshire. SK17 9RZ
 United Kingdom

Product Name SELKIL HSE 4828

Tel : 01298 26226
 Fax : 01298 26540
 Email : sales@selden.co.uk

2 HAZARDS IDENTIFICATION

R12 Extremely flammable., R40 Limited evidence of a carcinogenic effect., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

Classification Carc. Cat. 3;R40. F+;R12. N;R50/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EINICS No.	CAS No.	Content	Classification
BUTANE	203-448-7	106-97-8	30 - 60%	F+;R12
PERMETHRIN	258-067-9	52645-53-1	< 1%	Xn;R20/22 R43 N;R50/53
PIPERONYL BUTOXIDE	200-076-7	51-03-6	1 - 5%	T;R23/24/25. Carc. Cat. 3;R40. N;R51/53.
PROPAN-2-OL	200-661-7	67-63-0	5 - 10%	F;R11 Xi;R36 R67
TETRAMETHRIN	231-711-6	7696-12-0	< 1%	Xi;R36. N;R50/53.

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., Keep the affected person warm and at rest. Get prompt medical attention.
INGESTION	Rinse mouth thoroughly., Drink plenty of water., Get medical attention.
SKIN CONTACT	Wash the skin immediately with soap and water., Get medical attention if any discomfort continues.
EYE CONTACT	Spray in the eyes., 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

PERSONAL PRECAUTIONS	Wear necessary protective equipment., Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate., If leakage cannot be stopped, evacuate area.
ENVIRONMENTAL PRECAUTIONS	Any spillage needs to be contained and not allowed to enter water courses

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
BUTANE	WEL	600 ppm	1450 mg/m ³	750 ppm 1810 mg/m ³
PROPAN-2-OL	WEL	400 ppm	999 mg/m ³	500 ppm 1250 mg/m ³

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.
HAND PROTECTION	Use protective gloves.
EYE PROTECTION	Wear approved safety goggles.
OTHER PROTECTION	General workwear only

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
PHYSICAL DATA COMMENTS	Information given relates to total aerosol container contents.

FLASH POINT (°C)	- 74
AUTO IGNITION TEMPERATURE (°C)	+ 405
FLAMMABILITY LIMIT - LOWER(%)	1.8
FLAMMABILITY LIMIT - UPPER(%)	10.0

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition.
HAZARDOUS DECOMPOSITION PRODUCTS	Fire creates:, Toxic gases/vapours/fumes of:, Carbon monoxide (CO), Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

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	Prolonged or repeated exposure may cause severe irritation., Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
EYE CONTACT	Irritation of eyes and mucous membranes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY	Harmful to aquatic organisms., May cause long term adverse effects in the aquatic environment.
-------------	--

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

UN NO. ROAD	1950
UK ROAD CLASS	2
ADR CLASS NO.	2
PROPER SHIPPING NAME	AEROSOLS, FLAMMABLE
UN NO. SEA	1950
IMDG CLASS	2.1
UN NO. AIR	1950
AIR CLASS	2.1

15 REGULATORY INFORMATION

LABELLING



Extremely Flammable (F+) Harmful (Xn) Dangerous for the Environment (N)

CONTAINS

PIPERONYL BUTOXIDE

RISK PHRASES

R12 Extremely flammable., R40 Limited evidence of a carcinogenic effect., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S16 Keep away from sources of ignition - No smoking., S23 Do not breathe vapour/spray., P14 Contains PERMETHRIN. May produce an allergic reaction., S2 Keep out of the reach of children

STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health., Chemicals (Hazard Information and Packaging) Regulations.

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).

16 OTHER INFORMATION

GENERAL INFORMATION

The following risk phrases relate to the raw materials in the product and not the product itself:-

REVISION DATE

08/03/2006

REV. NO./REPL. SDS GENERATED

8

RISK PHRASES IN FULL

R12 Extremely flammable.| R11 Highly flammable., R36 Irritating to eyes., R67 Vapours may cause drowsiness and dizziness.| R20/22 Harmful by inhalation and if swallowed., R43 May cause sensitisation by skin contact., R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.| R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., R36 Irritating to eyes.| R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment., R23/24/25 Toxic by inhalation, in contact with skin and if swallowed., R40 Limited evidence of a carcinogenic effect.|