



# SAFETY DATA SHEET

## Sperex VHT Red Flameproof

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

<b>PRODUCT NAME:</b>	Sperex VHT Red Flameproof
<b>PART No.:</b>	SIMVHT23
<b>IN-HOUSE No.:</b>	A809
<b>EMERGENCY TELEPHONES:</b>	Out of office hours: +44 (0)786 675 5247
<b>MANUFACTURER:</b>	Holt Lloyd Oakhurst Drive Cheadle Manchester Tel: +44 (0)161 491 7391 Fax: +44 (0)161 491 7399

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	CAS No.:	CONTENT	SYMBOL:	RISK:
ETHYL 3 ETHOXYPROPIONATE	763-69-9	5-10 %	-	R-52/53
ACETONE	67-64-1	30-60 %	Xi ,F	R-11, 36, 66, 67
BUTANE	106-97-8	10-30 %	Fx	R-12
ISOBUTANE	75-28-5	5-10 %	Fx	R-12
PROPANE	74-98-6	10-30 %	Fx	R-12
TOLUENE	108-88-3	10-30 %	Xn ,F	R-11, 20

### 3. HAZARDS IDENTIFICATION:

Harmful by inhalation. Irritating to eyes. Repeated exposure may cause skin dryness or cracking.

### 4. FIRST AID MEASURES:

<b>INHALATION:</b>	NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.
<b>INGESTION:</b>	Not relevant.
<b>SKIN:</b>	Wash the skin immediately with soap and water. Get medical attention if any discomfort

continues.

**EYES:**

Spray in the eyes: 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 fires. Risk of explosion if heated.

---

**6. ACCIDENTAL RELEASE MEASURES:**

---

**SPILL CLEANUP METHODS:**

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. In handling of spillage, please also consult the section detailing protective measures.

---

**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 for direct sunlight or temperatures above 50°C.

---

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

---

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
TOLUENE	108-88-3	OES.	50 ppm(Sk)	150 ppm(Sk)
ACETONE	67-64-1	OES.	750 ppm	1500 ppm
BUTANE	106-97-8	OES.	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating

**INGREDIENT COMMENTS:**

OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**



**VENTILATION:**

Provide adequate general and local exhaust ventilation.

**RESPIRATORS:**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:**

Use protective gloves.

**EYE PROTECTION:**

Use eye protection.

---

<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	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. No eating or drinking while working with this material.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

---

<b>APPEARANCE:</b>	Aerosol.
<b>COLOUR:</b>	Red.
<b>ODOUR/TASTE:</b>	Solvent.

---

## 10. STABILITY AND REACTIVITY:

---

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ).

---

## 11. TOXICOLOGICAL INFORMATION:

---

<b>HEALTH WARNINGS:</b>	INHALATION. Vapour from this chemical can be hazardous when inhaled. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. SKIN CONTACT. Product has a defatting effect on skin. May cause skin irritation/eczema. EYE CONTACT. Irritating to eyes.
-------------------------	---

---

## 12. ECOLOGICAL INFORMATION:

---

<b>ECOLOGICAL INFORMATION:</b>	No data is available on the product itself
--------------------------------	--

---

## 13. DISPOSAL CONSIDERATIONS:

---

<b>DISPOSAL METHODS:</b>	Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.
--------------------------	--

---

## 14. TRANSPORT INFORMATION:

---

<b>GENERAL:</b>	LIMITED QUANTITIES derogation applies to volumes under 1Lt
-----------------	--

---

**LABEL FOR CONVEYANCE:**



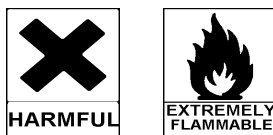
<b>UN No. ROAD:</b>	1950
<b>ADR CLASS No.:</b>	2
<b>ADR CLASS:</b>	Division 2.1: Flammable gases.
<b>ADR ITEM No.:</b>	5F
<b>ADR MARGINAL:</b>	2201
<b>ADR LABEL No.:</b>	2.1
<b>CEFIC TEC(R) No.:</b>	20G27-2
<b>PROPER SHIPPING NAME I:</b>	AEROSOLS
<b>RID CLASS No.:</b>	2
<b>RID ITEM No.:</b>	5F
<b>UN No. SEA:</b>	1950
<b>IMDG CLASS:</b>	2
<b>EmS No.:</b>	2-13
<b>MARINE POLLUTANT:</b>	No.
<b>UN No., AIR:</b>	1950
<b>ICAO CLASS:</b>	2.1

---

**15. REGULATORY INFORMATION:**

---

**LABEL FOR SUPPLY:**



**RISK PHRASES:** R-12 Extremely flammable.  
R-20 Harmful by inhalation.  
R-36 Irritating to eyes.  
R-66 Repeated exposure may cause skin dryness or cracking.

**SAFETY PHRASES:** S-2 Keep out of reach of children.  
S-16 Keep away from sources of ignition - No Smoking.  
S-25 Avoid contact with eyes.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-51 Use only in well ventilated areas.

	S-23A Do not breathe gas/fumes/vapour/spray.
<b>UK REGULATORY REFERENCES:</b>	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.
<b>ENVIRONMENTAL LISTING:</b>	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.
<b>EU DIRECTIVES:</b>	System of specific information relating to Dangerous Preparations. 91\155.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

---

## 16. OTHER INFORMATION:

---

<b>ISSUED BY:</b>	Colin Sawmy
<b>REV. No./REPL. SDS GENERATED:</b>	1/
<b>SDS No.:</b>	10335
<b>SAFETY DATA SHEET STATUS:</b>	Approved.
<b>DATE:</b>	26/10/01
<b>PRINTING DATE:</b>	2002-02-21