



# SAFETY DATA SHEET

## SIMONIZ ENGINE CLEANER AEROSOL

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

**PRODUCT NAME:** SIMONIZ ENGINE CLEANER AEROSOL  
**PART No.:** SIM3092  
**IN-HOUSE No.:** A628  
**EMERGENCY TELEPHONES:** Out of office hours: +44 (0)786 675 5247  
**MANUFACTURER:** Holt Lloyd  
Oakhurst Drive  
Cheadle  
Manchester  
Tel: +44 (0)161 491 7391  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	CAS No.:	CONTENT	SYMBOL:	RISK:
Bis(2-hydroxyethyl)oleylamine	25307-17-9	0-1 %	C ,N	R-22, 34, 50
OLEYLAMINE ETHOXYLATE	26635-93-8	1-5 %	Xn	R-22, 38, 41
BUTANE	106-97-8	5-10 %	Fx	R-12
ISOBUTANE	75-28-5	1-5 %	Fx	R-12
PROPANE	74-98-6	10-30 %	Fx	R-12
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	64742-47-8	60-100 %	Xn	R-65

### 3. HAZARDS IDENTIFICATION:

Extremely flammable.

### 4. FIRST AID MEASURES:

**GENERAL:** 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 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.
<b>EYES:</b>	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.

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## 5. FIRE FIGHTING MEASURES:

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<b>EXTINGUISHING MEDIA:</b>	Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	Aerosol cans may explode in fires.

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## 6. ACCIDENTAL RELEASE MEASURES:

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<b>SPILL CLEANUP METHODS:</b>	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.
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## 7. HANDLING AND STORAGE:

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<b>USAGE PRECAUTIONS:</b>	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.
<b>STORAGE PRECAUTIONS:</b>	Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	64742-47-8	SUP.	1000 mg/m3	
BUTANE	106-97-8	OES.	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating

**INGREDIENT COMMENTS:** OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**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).

<b>PROTECTIVE GLOVES:</b>	Use protective gloves. Blue Nitrile, powder-free. Category 3.
<b>EYE PROTECTION:</b>	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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>APPEARANCE:</b>	Aerosol. Liquid.	
<b>COLOUR:</b>	Colourless.	
<b>ODOUR/TASTE:</b>	Organic solvents.	
<b>BOILING POINT (°C, interval):</b>	200 - 260	<b>Pressure:</b>
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.795	<b>Temperature (°C):</b>
<b>VAPOUR PRESSURE:</b>	.04 kPa	<b>Temperature (°C):</b>
<b>VOLATILE BY VOL. (%):</b>	.75 Kg/Kg	
<b>SOLUBILITY DESCRIPTION:</b>	Insoluble in water.	
<b>AUTO IGNITION TEMP. (°C):</b>	>200°C	

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## 10. STABILITY AND REACTIVITY:

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<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> ).

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## 11. TOXICOLOGICAL INFORMATION:

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<b>INHALATION:</b>	May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system.
<b>SKIN:</b>	Prolonged or repeated exposure may cause severe irritation. Prolonged or repeated contact leads to drying of skin.
<b>EYES:</b>	Spray and vapour in the eyes may cause irritation and smarting.
<b>ROUTE OF ENTRY:</b>	Inhalation. Skin and/or eye contact.

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## 12. ECOLOGICAL INFORMATION:

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**ECOLOGICAL INFORMATION:** No negative effects on the aquatic environment are known.

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### 13. DISPOSAL CONSIDERATIONS:

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**DISPOSAL METHODS:** Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

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### 14. TRANSPORT INFORMATION:

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**GENERAL:** LIMITED QUANTITIES derogation applies to volumes under 1Lt

**UN No. ROAD:** 1950

**ADR CLASS No.:** 2

**ADR CLASS:** Division 2.1: Flammable gases.

**ADR ITEM No.:** 5°F

**ADR MARGINAL:** 2201

**ADR LABEL No.:** 2.1

**CEFIC TEC(R) No.:** 20G53

**PROPER SHIPPING NAME I:** AEROSOLS

**RID CLASS No.:** 2.1

**RID ITEM No.:** 5°F

**UN No. SEA:** 1950

**IMDG CLASS:** 2

**IMDG PACK GR.:** N/A

**EmS No.:** 2-13

**UN No., AIR:** 1950

**ICAO CLASS:** 2.1

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### 15. REGULATORY INFORMATION:

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LABEL FOR SUPPLY:



**RISK PHRASES:** R-12 Extremely flammable.

**SAFETY PHRASES:** S-2 Keep out of reach of children.  
S-16 Keep away from sources of ignition - No Smoking.  
S-51 Use only in well ventilated areas.  
S-23A Do not breathe gas/fumes/vapour/spray.

**APPROVED CODE OF PRACTICE:** Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

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## 16. OTHER INFORMATION:

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**ISSUED BY:** Colin Sawmy

**REV. No./REPL. SDS GENERATED:** 1/

**SDS No.:** 10541

**SAFETY DATA SHEET STATUS:** Approved.

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