

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

**Product Name** S-A-S Universal Maintenance Lubricant  
**Product No** SAS6 - 200 ml, SAS20 - 500 ml Aerosols  
**Supplier** Van-Line Ltd, Gelderd Road, Leeds, LS12 6NA.  
**Telephone** +44 (0)113 213 4300  
**Fax** +44 (0)113 213 4319  
**Email** contact@van-line.co.uk

**2) HAZARDS IDENTIFICATION**

Extremely flammable. Repeated exposure may cause skin dryness or cracking.  
 F+;R12. R66.

CLASSIFICATION (1999/45)

**3) COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No	CAS No.	Content %	Classification (67/548/EEC)
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	265-150-3	64742-48-9	30-60%	XN;R65. R10,R66.
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

**4) FIRST AID MEASURES - SYMPTOMS**

**General information** 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 oxygen. Keep the affected person warm and at rest. Get prompt medical attention.  
**Ingestion** DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.  
**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** 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**

**Spill clean-up methods** 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.

**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 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 <sup>3</sup>	750 ppm 1810 mg/m <sup>3</sup>	
ISOBUTANE	WEL	800 ppm	800 ppm	
NAPHTHA (PETROLEUM) , HYDROTREATED HEAVY		1000 mg/m <sup>3</sup>		
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating

WEL = Workplace Exposure Limit

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

**Ingredient comments**

**Protective equipment**



**Engineering measures**

Provide adequate general and local exhaust ventilation.

**Respiratory protection**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge

**Hand protection**

Use protective gloves.

**Eye protection**

Use approved safety goggles or face shield.

**Other protection**

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

**Hygiene measures**

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

**9) PHYSICAL AND CHEMICAL PROPERTIES**

**State** Aerosol  
**Colour** Typical  
**Odour** Characteristic.  
**Flammability limit - Lower (%)** 0.8  
**Flammability limit - Upper (%)** 9.0

**10) STABILITY AND REACTIVITY**

**Stability** Stable under normal temperature conditions.  
**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.  
**Hazardous decomposition products** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**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. Irritating to respiratory system.

**Ingestion** May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

**Skin contact** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Irritating to skin.

**Eye contact** Irritating to eyes. May cause chemical eye burns.

**Route of entry** Inhalation. Skin and/or eye contact.

**12) ECOLOGICAL INFORMATION**

**Ecotoxicity** Dangerous for the environment if discharged into watercourses.

**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**

**Proper shipping name** AEROSOLS

**Environmentally Hazardous Substance/Marine Pollutant** No.

**Un no. road** 1950

**ADR Class no.** 2

**ADR Class** Class 2: Gases

**ADR pack group** Not Applicable

**ADR label no.** 2.1

**UN no. sea** 1950

**IMDG class** 2.1

**IMDG pack group** Not Applicable

**EMS** F-D, S-U

**UN no. air** 1950

**AIR class** 2.1

**AIR pack group.** Not Applicable



**15) REGULATORY INFORMATION**

**Labelling**



Extremely flammable.

**Risk phrases** R12 Extremely flammable.  
R66 Repeated exposure may cause skin dryness or cracking.

**Safety phrases** S2 Keep out of the reach of children.  
S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe vapour/spray.  
S37 Wear suitable gloves.  
S51 Use only in well-ventilated areas.

**UK Regulatory references** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.  
The Control of Substances Hazardous to Health Regulations 2002.

**Statutory instruments** The Control of Substances Hazardous to Health Regulations 2002.  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

**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**

**Revision date** 13/09/2012

**Risk phrases in full** R12 Extremely flammable.  
R10 Flammable.  
R65 Harmful: May cause lung damage if swallowed.  
R66 Repeated exposure may cause skin dryness or cracking.