

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

**Product Name** S-A-S Label & Gum Remover  
**Product No** SAS58 - 500 ml Aerosol  
**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. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45)

F+;R12. N;R50/53. R66.

## 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
HIGHLY REFINED MINERAL OIL		64742-80-9	10-30%	-
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.
ORANGE TERPENES	232-433-8	8028-48-6	10-30%	Xn;R65. Xi;R38. N;R50/53. R10.
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

## 4) FIRST AID MEASURES

### 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>	
HIGHLY REFINED MINERAL OIL			5 mg/m <sup>3</sup> (Oil mist)		10 mg/m <sup>3</sup> (Oil mist)	
ISOBUTANE	WEL	800 ppm		800 ppm		
NAPHTHA (PETROLEUM) , HYDROTREATED HEAVY			1000 mg/m <sup>3</sup>			
ORANGE TERPENES		100 ppm				
PROPANE		Asphyxiating	Asphyxiating	Asphyxiating	Asphyxiating	

WEL = Workplace Exposure Limit

### 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.
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### 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
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### 14) TRANSPORT INFORMATION

Proper shipping name	AEROSOLS
Environmentally	No.
Hazardous	
Substance/Marine	
Pollutant	
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.



Dangerous for the environment

Risk phrases	R12	Extremely flammable.
	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases	R66	Repeated exposure may cause skin dryness or cracking.
	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.
	S60	This material and its container must be disposed of as hazardous waste.
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 Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.	
	The Control of Substances Hazardous to Health Regulations 2002.	
Approves 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.
	R38	Irritating to skin.
	R66	Repeated exposure may cause skin dryness or cracking.
	R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.