

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

Product Name S-A-S Universal Maintenance Lubricant
Product No SAS20 - 500 ml, SAS6 - 200ml
Supplier Van-Line Ltd, Gelderd Road, Leeds, LS12 6NA.
Telephone +44 (0)113 213 4300
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2) HAZARDS IDENTIFICATION

Main Hazards Extremely flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Other Hazards -

3) COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous Ingredients**

Ingredient	EINECS	CAS	CHIP Classification	CLP Classification	Percent
PROPAN-2-OL	200-661-7	67-63-0	[F] R11; [X] R36; [-] R67	-	1-10%
LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY	265-185-4	64742-82-1	[T] R46; [XN] R65; [-] R10; [N] R51/53	-	50-70%
BUTANE	203-448-7	106-97-8	[F+] R12	-	10-30%
CALCIUM SALT OF OXIDISED PETROLATUM		68425-34-3	[X] R36		1-10%

4) FIRST AID MEASURES - SYMPTOMS

Skin contact There may be mild irritation at the site of contact.
Eye contact There may be irritation and redness.
Ingestion There may be irritation of the throat.
Inhalation No symptoms.

4) FIRST AID MEASURES - ACTION

Skin contact Wash immediately with plenty of soap and water.
Eye contact Bathe the eye with running water for 15 minutes.
Ingestion Wash out mouth with water.
Inhalation -

5) FIRE-FIGHTING MEASURES

Extinguishing media Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Exposure hazards In combustion emits toxic fumes.
Protection of fire-fighters Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6) ACCIDENTAL RELEASE MEASURES

Personal precautions Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.
Environmental precautions Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7) HANDLING AND STORAGE

Handling requirements -
Storage conditions Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.
Suitable Packaging -

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous ingredients PROPAN-2-OL
WEL (8 hr TWA): 999 mg/m³ WEL (15 min STEL): 1250 mg/m³
BUTANE
WEL (8 hr TWA): 1450 mg/m³ WEL (15 min STEL): 1810 mg/m³
Engineering measures The floor of the storage room must be impermeable to prevent the escape of liquids.
Respiratory protection Respiratory protection not required.
Hand protection Protective gloves.
Eye protection Safety glasses.
Skin protection Protective clothing.

9) PHYSICAL AND CHEMICAL PROPERTIES

State Aerosol
Colour -
Odour -
Evaporation rate -
Oxidising -
Solubility in water -
Also soluble in -
Flash Point °C -1

10) STABILITY AND REACTIVITY

Stability Stable under normal conditions.
Conditions to avoid Heat.
Materials to avoid Strong oxidising agents. Strong acids.
Haz. decomp. products In combustion emits toxic fumes.

11) TOXICOLOGICAL INFORMATION

Hazardous ingredients	PROPAN-2-OL IVN RAT LD50 1088 mg/kg ORL MUS LD50 3600 mg/kg ORL RAT LD50 5045 mg/kg SCU MUS LDLO 6 gm/kg
Routes of exposure	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12) ECOLOGICAL INFORMATION

Mobility	Readily absorbed into soil.
Persistence and degradability	Not biodegradable.
Bioaccumulative potential	Bioaccumulation potential.
Other adverse effects	Toxic to aquatic organisms. Toxic to soil organisms.

13) DISPOSAL CONSIDERATIONS

Disposal operations	Transfer to a suitable container and arrange for collection by specialised disposal company.
NB	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14) TRANSPORT INFORMATION

Conveyance by Road and Railways - ADR/RID

Class ADR/RID	2
Classification Code	5F
UN Number	1950
Shipping Name	AEROSOLS
Hazard Label	2.1



Conveyance by Sea - IMDG/IMO

Class IMDG	2
UN Number	1950
Label	2.1
EMS Number	F-D, S-U
Marine Pollutant	-

Conveyance by Air - ICAO/IATA

Class ICAO/IATA	2
UN Number	1950
Label	2.1

15) REGULATORY INFORMATION

Hazard Symbols	Extremely flammable. Dangerous for the environment.
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Risk phrases	R12: Extremely flammable. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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Safety phrases	S16: Keep away from sources of ignition - No smoking. S23: Do not breathe spray. S38: In case of insufficient ventilation, wear suitable respiratory equipment. S51: Use only in well-ventilated areas. S61: Avoid release to the environment. Refer to special instructions / safety data sheets.
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Precautionary phrases	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.
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Haz. ingredients (label)	LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY
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Note	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.
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16) OTHER INFORMATION

Risk phrases used in s.3	R11: Highly flammable. R36: Irritating to eyes. R67: Vapours may cause drowsiness and dizziness. R46: May cause heritable genetic damage. R65: Harmful: may cause lung damage if swallowed. R10: Flammable. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R12: Extremely flammable.
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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.