SAFETY DATA SHEET
SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

Product number 000103079559

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Lubricant.

Uses advised against Use only for intended applications.

1.3. Details of the supplier of the safety data sheet

Supplier

VAN LINE LTD
1 HARKER WAY
LEEDS
WEST YORKSHIRE
ENGLAND
LS9 0DY
+44 (0) 113 213 4300
+44 (0) 113 868 1320
enquiries@workshopwarehouse.co.uk

1.4. Emergency telephone number

Emergency telephone 0044 (0) 7970 779978

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Asp. Tox. 1 - H304

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Danger

Hazard statements H304 May be fatal if swallowed and enters airways.

Precautionary statements

P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P280 Wear protective gloves.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P501 Dispose of contents/ container in accordance with local regulations.

Supplemental label information EUH066 Repeated exposure may cause skin dryness or cracking.

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

Contains	Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Supplementary precautionary statements	P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics **60 - 100%**

CAS number: — EC number: 926-141-6 REACH registration number: 01-2119456620-43-XXXX

EUH066

Classification
Asp. Tox. 1 - H304

Diethyl phthalate **<1%**

CAS number: 84-66-2 EC number: 201-550-6

Classification
Not Classified

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol **<1%**

CAS number: 95-38-5 EC number: 202-414-9 REACH registration number: 01-2119777867-13-XXXX

M factor (Acute) = 10 M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Skin Corr. 1C - H314
Eye Dam. 1 - H318
STOT RE 2 - H373
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Diphenyl ether **<1%**

CAS number: 101-84-8 EC number: 202-981-2

M factor (Acute) = 1

Classification
Eye Irrit. 2 - H319
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

Turpentine, oil	**<1%**
CAS number: 8006-64-2	EC number: 232-350-7

Classification
Flam. Liq. 2 - H225
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1 - H317
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Get medical advice/attention if you feel unwell. Show this Safety Data Sheet to the medical personnel.

Inhalation Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Ingestion Rinse mouth thoroughly with water. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place.

Skin contact IF ON SKIN (or hair): Rinse with water. Get medical attention if irritation persists after washing. Remove contaminated clothing and rinse skin thoroughly with water.

Eye contact IF IN EYES: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact Prolonged contact may cause dryness of the skin. The product contains organic solvents.

Eye contact May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material. The product contains volatile substances which may spread in the atmosphere.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Avoid inhalation of vapours/spray and contact with skin and eyes. Contaminated rags and cloths must be put in fireproof containers for disposal. Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations. In use may form flammable/explosive vapour-air mixture. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use only outdoors or in a well-ventilated area. Vapours may accumulate on the floor and in low-lying areas. Wash contaminated skin thoroughly after handling.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash it before reuse. Wash after use and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store away from incompatible materials (see Section 10). Keep away from oxidising materials, heat and flames. Do not store near heat sources or expose to high temperatures. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Take precautionary measures against static discharges.

Storage class Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Diethyl phthalate

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³
Short-term exposure limit (15-minute): WEL 10 mg/m³

Diphenyl ether

Long-term exposure limit (8-hour TWA): WEL 1 ppm 7.1 mg/m³ vapour

Turpentine, oil

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m³
Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m³
WEL = Workplace Exposure Limit.

(Z)-N-methyl-N-(1-oxo-9-octadecenyl)glycine (CAS: 110-25-8)

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

DNEL

Workers - Inhalation; Long term systemic effects: 0.2 mg/m³
Workers - Inhalation; Short term systemic effects: 18 mg/m³
Workers - Inhalation; Long term local effects: 0.01 mg/m³
Workers - Inhalation; Short term local effects: 18 mg/m³
Workers - Dermal; Long term systemic effects: 10 mg/kg/day
Workers - Dermal; Short term systemic effects: 100 mg/kg/day
General population - Inhalation; Long term systemic effects: 0.1 mg/m³
General population - Inhalation; Short term systemic effects: 9 mg/m³
General population - Inhalation; Long term local effects: 5 µg/m³
General population - Inhalation; Short term local effects: 9 mg/m³
General population - Dermal; Long term systemic effects: 5 mg/kg/day
General population - Dermal; Short term systemic effects: 50 mg/kg/day
General population - Oral; Long term systemic effects: 5 mg/kg/day
General population - Oral; Short term systemic effects: 92 mg/kg/day

PNEC

- Fresh water; 0.43 µg/l
- marine water; 0.043 µg/l
- Intermittent release; 4.3 µg/l
- STP; 13 mg/l

2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (CAS: 95-38-5)

DNEL

Workers - Inhalation; Long term systemic effects: 0.46 mg/m³
Workers - Inhalation; Short term systemic effects: 14 mg/m³
Workers - Dermal; Long term systemic effects: 0.06 mg/kg/day
Workers - Dermal; Short term systemic effects: 2 mg/kg/day

PNEC

- Fresh water; 0 mg/l
- marine water; 0 mg/l
- Intermittent release; 0 mg/l
- STP; 0.27 mg/l
- Sediment (Freshwater); 0.376 mg/kg
- Sediment (Marinewater); 0.038 mg/kg
- Soil; 0.075 mg/kg

Geraniol (CAS: 106-24-1)

DNEL

Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
Workers - Dermal; Long term systemic effects: 12.5 mg/kg/day
Workers - Dermal; Long term local effects: 11.8 mg/cm²
General population - Inhalation; Long term systemic effects: 47.8 mg/m³
General population - Dermal; Long term systemic effects: 7.5 mg/kg/day
General population - Dermal; Long term local effects: 11.8 mg/cm²
General population - Oral; Long term systemic effects: 13.75 mg/kg/day

PNEC

- Fresh water; 0.011 mg/l
- marine water; 0.001 mg/l
- Intermittent release; 0.108 mg/l
- STP; 0.7 mg/l
- Sediment (Freshwater); 0.115 mg/kg
- Sediment (Marinewater); 0.011 mg/kg
- Soil; 0.017 mg/kg

Citronellol (CAS: 106-22-9)

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

DNEL

Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
Workers - Inhalation; Long term local effects: 10 mg/m³
Workers - Inhalation; Short term local effects: 10 mg/m³
Workers - Dermal; Long term systemic effects: 327.4 mg/kg/day
Workers - Dermal; Short term local effects: 2.95 mg/cm²
General population - Inhalation; Long term systemic effects: 47.8 mg/m³
General population - Inhalation; Long term local effects: 10 mg/m³
General population - Inhalation; Short term local effects: 10 mg/m³
General population - Dermal; Long term systemic effects: 196.4 mg/kg/day
General population - Dermal; Short term local effects: 2.95 mg/cm²
General population - Oral; Long term systemic effects: 13.8 mg/kg/day

PNEC

- Fresh water; 0.002 mg/l
- Intermittent release, Fresh water; 0.024 mg/l
- marine water; 0 mg/l
- STP; 580 mg/l
- Sediment (Freshwater); 0.026 mg/kg
- Sediment (Marinewater); 0.003 mg/kg
- Soil; 0.004 mg/kg

Geranyl acetate (CAS: 105-87-3)

DNEL

Workers - Inhalation; Long term systemic effects: 62.59 mg/m³
Workers - Dermal; Long term systemic effects: 35.5 mg/kg/day
General population - Inhalation; Long term systemic effects: 15.4 mg/m³
General population - Dermal; Long term systemic effects: 17.75 mg/kg/day
General population - Oral; Long term systemic effects: 8.9 mg/kg/day

PNEC

- Fresh water; 3.72 µg/l
- marine water; 0.372 µg/l
- STP; 8 mg/l
- Sediment (Freshwater); 0.442 mg/kg
- Sediment (Marinewater); 0.044 mg/kg
- Soil; 0.086 mg/kg

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible. Wear anti-static protective clothing if there is a risk of ignition from static electricity.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.
Environmental exposure controls	Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Odour	Solvent. Hydrocarbons.

9.2. Other information

Volatility	Volatile.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	See the other subsections of this section for further details. The reactivity data for this product will be typical of those for the following class of materials: Flammable/combustible materials.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.

10.4. Conditions to avoid

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

Conditions to avoid Heating may cause a fire or explosion. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Static electricity and formation of sparks must be prevented. Containers can burst violently or explode when heated, due to excessive pressure build-up.

10.5. Incompatible materials

Materials to avoid Avoid contact with strong oxidising agents. Avoid contact with strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation Prolonged inhalation of high concentrations may damage respiratory system. High concentrations may be fatal.

Ingestion Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact May cause temporary eye irritation.

Route of exposure Ingestion Inhalation Skin and/or eye contact

SECTION 12: Ecological information

Ecotoxicity The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Volatile liquid. The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

General information The generation of waste should be minimised or avoided wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Empty containers must not be punctured or incinerated because of the risk of an explosion. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Do not empty into drains.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Commission Regulation (EU) No 2015/830 of 28 May 2015.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC_{50}: Lethal Concentration to 50 % of a test population.
LD_{50}: Lethal Dose to 50% of a test population (Median Lethal Dose).
EC_{50}: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Training advice

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Revision date

18/11/2021

Revision

1

SDS number

9754

SAS22 UNIVERSAL MAINTENANCE LUBRICANT 5LITRE

Hazard statements in full

H225 Highly flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H373 May cause damage to organs (Thymus, Gastro-intestinal tract) through prolonged or repeated exposure if swallowed.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.