



MATERIAL SAFETY DATA SHEET
BATTERY TERMINAL PROTECTOR

ISSUE DATE: 26.06.12

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

Product Name S-A-S Battery Terminal Protector
Product No SAS3 - 500 ml
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

Main Hazards Flammable. Repeated exposure may cause skin dryness or cracking.
Other Hazards In use, may form flammable / explosive vapour-air mixture.

3) COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients DISTILLATES(PETROLEUM) HYDROTREATED LIGHT 30-50%
EINECS: 265-149-8, CAS: 64742-47-8
[XN] R65; [-] R66
LUBRICATING DETERGENT 1-10%
CAS: 37205-87-1
[XN] R22; [Xi] R41; [N] R51/53
BUTANE 10-30%
EINECS: 203-448-7, CAS: 106-97-8
[F+] R12

4) FIRST AID MEASURES - SYMPTOMS

Skin contact There may be irritation and redness 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 Remove all contaminated clothes and footwear immediately unless stuck to skin. 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 Consult a doctor.

5) FIRE-FIGHTING MEASURES

Extinguishing media Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.
Exposure hazards Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.
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 MSDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition.
Turn leaking containers leak-side up to prevent the escape of liquid.
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. Do not use equipment in clean-up procedure which may produce sparks.

7) HANDLING AND STORAGE

Handling requirements Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.
Storage conditions Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
Suitable Packaging -

8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Hazardous ingredients BUTANE
WEL (8 hr TWA): 1450 mg/m³, WEL (15 min STEL): 1810 mg/m³
Engineering measures Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory protection Respiratory protection not required.
Hand protection Protective gloves
Eye protection Safety glasses. Ensure eye bath is to hand.
Skin protection Protective clothing.

9) PHYSICAL AND CHEMICAL PROPERTIES

State Aerosol
Colour Pale Yellow
Odour Characteristic Odour
Evaporation rate Slow
Oxidising Non-oxidising (by EC criteria)
Solubility in water Insoluble
Also soluble in -
Flash Point °C 23

10) STABILITY AND REACTIVITY

Stability Stable under normal conditions. Stable at room temperature.
Conditions to avoid Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid Strong oxidising agents. Strong acids.
Haz. decomp. products In combustion emits toxic fumes.

11) TOXICOLOGICAL INFORMATION

Hazardous ingredients -
 Routes of exposure Refer to section 4 of MSDS for routes of exposure and corresponding symptoms.

12) ECOLOGICAL INFORMATION

Mobility Readily absorbed into soil.
 Persistence and degradability Biodegradable.
 Bioaccumulative potential No bioaccumulation potential.
 Other adverse effects Negligible ecotoxicity.

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 Symbol not required.

Risk phrases R10: Flammable.
 R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases S23: Do not breathe spray.
 S38: In case of insufficient ventilation, wear suitable respiratory equipment.
 S51: Use only in well-ventilated areas.
 S60: This material and its container must be disposed of as hazardous waste.

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.

Haz. ingredients (label) DISTILLATES(PETROLEUM) HYDROTREATED LIGHT

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.

16) OTHER INFORMATION

Risk phrases used in s.3 R65: Harmful: may cause lung damage if swallowed.
 R66: Repeated exposure may cause skin dryness or cracking.
 R22: Harmful if swallowed.
 R41: Risk of serious damage to eyes.
 R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R12: Extremely flammable.

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.