

SAFETY DATA SHEET

ANTISTATIC (AEROSOL)



Page 1

Issued: 11/04/06

Revision No: 3

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

Product name: ANTISTATIC (AEROSOL)

Company name: Uniconomy Ltd
Red Marsh Inds Est
Thornton, Cleveleys
Lancs
FY5 4HP
Tel: 01253 854050
Fax: 01253 854049

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPAN-2-OL 30-50%
EINECS: 200-661-7 CAS: 67-63-0
[F] R11; [Xi] R36; [-] R67

- BUTANE 10-30%
EINECS: 203-448-7 CAS: 106-97-8
[F+] R12
- PROPANE 10-30%
EINECS: 200-827-9 CAS: 74-98-6
[F+] R12

3. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

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: Aerosol packs make the possibility of ingestion unlikely, however if this should occur, irritation of mouth/throat, nausea and stomach pain may result.

Inhalation: Inhalation of high levels of vapour may cause upper respiratory tract irritation. Prolonged inhalation of vapour may cause drowsiness, dizziness, or headache.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash with soap and water. Seek medical advice if irritation develops.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: If affected, seek medical advice.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious,

[cont...]

SAFETY DATA SHEET

ANTISTATIC (AEROSOL)

check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Dry chemical powder. Alcohol or polymer foam.

Exposure hazards: Extremely flammable. Toxic or irritating fumes may be released at elevated temperatures. Vapour may travel considerable distance to source of ignition and flash back. 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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources of ignition. Extinguish naked flames. No smoking. Avoid sparks.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

Clean-up procedures: If spillage is from leaking/punctured cans, ensure adequate ventilation and allow propellant to evaporate. Wipe up liquid spillage with absorbent material and dispose of safely.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in a cool, well ventilated area, below 50°C. Keep away from direct sunlight. Keep away from sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: PROPAN-2-OL

WEL (8 hr exposure limit): 999 mg/m³ WEL (15 min exposure limit): 1250 mg/m³

- BUTANE

WEL (8 hr exposure limit): 1450 mg/m³ WEL (15 min exposure limit): 1810 mg/m³

- PROPANE

WEL (8 hr exposure limit): 1800 mg/m³ WEL (15 min exposure limit): 7200 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective overalls.

SAFETY DATA SHEET
ANTISTATIC (AEROSOL)**9. PHYSICAL AND CHEMICAL PROPERTIES**

State: Aerosol
Colour: Colourless
Odour: Alcoholic
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Soluble
Flammability limits %: lower: 0.8
upper: 12.0
Flash point°C: -40

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
Conditions to avoid: Sources of ignition. Hot surfaces. Flames.
Materials to avoid: Oxidising agents.

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: Exposure to high levels of vapour may cause drowsiness, dizziness, nausea, headaches, vomiting. Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause eye irritation.

12. ECOLOGICAL INFORMATION

Mobility: Soluble in water. Volatile.
Persistence and degradability: Biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Uniconomy Ltd to arrange disposal.Tel 01253 854050
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: 1950 **ADR Class:** 2
Classification code: 5F
Shipping name: AEROSOLS

SAFETY DATA SHEET

ANTISTATIC (AEROSOL)

Labelling: 2.1



IMDG / IMO

UN no: 1950

Class: 2

EmS: F-D,S-U

Marine pollutant: .

Labelling: 2.1

IATA / ICAO

UN no: 1950

Class: 2

Labelling: 2.1

15. REGULATORY INFORMATION

Hazard symbols: Extremely flammable.

Irritant.



Risk phrases: R12: Extremely flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

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.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye / face protection.

S51: Use only in well-ventilated areas.

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.

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.

SAFETY DATA SHEET
ANTISTATIC (AEROSOL)

16. OTHER INFORMATION

Other information: Always use in accordance with manufacturer's directions.

This product belongs to Hazard Groups A and S under the HSE COSHH Essentials guidelines.
(Publication HSG193).

This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

Risk phrases used in s.2: R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

R12: Extremely flammable.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.