

Contact Sheet



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Harmful



MATERIAL SAFETY DATA SHEET

BUFSOL AEROSOL

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Bufsol Aerosol
Application: For removing dirt, talc and mould lubricant on tyres and tubes
Supplier: Pang (UK) Ltd
Address: Studlands Park Avenue.
Newmarket
Contact Number: 01638 663575

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical description Organic solvent aerosol

HAZARDOUS COMPONENTS

Name:	CAS No.	% (by wgt.)
Aliphatic Hydrocarbon	64742	10 – 20
Butane	106-97-8	10 – 30
Cyclohexane	110-82-7	1 - 4
Xylene, o-, m-, p- or mixed isomers	1330-27-7	30 - 50

3. HAZARDS IDENTIFICATION

Health hazards: May cause eye and mild skin irritation. May be harmful by inhalation.
Safety hazards: THIS IS AN AEROSOL PRODUCT – USE ONLY IN WELL VENTILATED AREAS. The contents are FLAMMABLE and may be harmful by deliberate prolonged inhalation or ingestion. Hydrocarbon propellant is an asphyxiant if there is insufficient ventilation. This would constitute abuse of the product. ALWAYS WASH HANDS AFTER USE. Repeated exposure may cause skin dryness or cracking. KEEP IN A SAFE PLACE AWAY FROM CHILDREN. FLAMMABLE – pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not spray onto a naked flame or any incandescent material, hot surface or unprotected electrical equipment. DO NOT BREATHE SPRAY MIST. Vapours may cause drowsiness and dizziness. DO NOT SPRAY NEAR EYES. Irritating to eyes. ALWAYS READ CONTAINER WARNINGS..

4. FIRST AID MEASURES

Eyes: Spray in the eyes: make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water for at least 15 minutes while holding the eyelids apart. If symptoms persist, seek medical advice.
Skin: Remove contaminated clothing. Wash exposed area skin thoroughly with water or use a proprietary skin cleaner. If symptoms persist, seek medical advice.
Ingestion: Unlikely. May cause nausea and discomfort. Carry out a gastric lavage to reduce discomfort. The contents tend to be absorbed by the body with no significant effects, particularly in these concentrations. Treat symptomatically. Seek medical advice and show the container..
Inhalation: NOTE! Keep affected person away from heat, sparks and flames. Immediately move individual into fresh air. Seek medical attention. If breathing is difficult, oxygen may be necessary. Keep person warm and quiet.
Other: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person..

5. FIRE FIGHTING MEASURES

Extinguishing media: Use CO₂, dry powder, foam or sand.
Fire and Explosion Hazards: Pressurised aerosols should not be exposed to temperatures exceeding 50° C. Above this

container may explode and the resultant flammable mixture will burn to produce CO₂. Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Aerosol cans may explode in fires. Risk of explosion if heated.

6. **ACCIDENTAL RELEASE MEASURES (SPILLAGE)**

Spill: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear necessary protective equipment. If leakage cannot be stopped, evacuate area. Ventilate well. Do not contaminate water sources or sewer..

7. **HANDLING AND STORAGE (IN NORMAL USE)**

General: Do not taste or swallow. Avoid contact with eyes, skin and clothing. Avoid prolonged contact. Wash thoroughly after handling.
Handling Keep away from heat, sparks and open flame. Provide good ventilation. Avoid breathing vapours from the headspace of containers. Use only in a well ventilated areas.
Storage: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50° C

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION (NORMAL USE)**

Engineering Measures: No OES / OEL available.
Personal Protective Equipment
Respiratory protection: If workplace exposure limit(s) of product or any component is exceeded or exposure to hazardous substances identified above cannot be controlled by the provision of local exhaust ventilation and good general extraction, suitable respiratory protective equipment should be worn.
Skin protection: Repeated exposure may cause skin irritation of dryness, covering of exposed skin may be required
Eye protection: Eye protection should be worn where eye exposure is reasonably probable.
Other protection: To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner
Other hygienic and work practices DO NOT SMOKE IN WORK AREA.! No eating or drinking while working with this material. Use good personal hygiene work practice. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash before re-use.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance Colourless liquid.
Odour Perfume odour
Flash Point <50° C
Explosive Limits
Lower Limit
Upper Limit
Vapour Density
Relative Density (SG)
Solubility in water Insoluble in water
pH N/A

10. **STABILITY AND REACTIVITY**

Stability: Stable under the recommended storage and handling conditions (see section 7).
Conditions to avoid: Avoid heat, flames and other sources of ignition
Materials to avoid: Keep away from strong oxidising agents, strong alkalis and strong mineral acids
Hazardous decomposition products: Carbon monoxide, carbon dioxide, phosgene, chlorine and hydrogen chloride.

11. **TOXICOLOGICAL INFORMATION**

Essentially, when used in this aerosol form, there are no potential toxic effects. The data is as follows:

ALIPHATIC HYDROCARBON - no data available on the product itself

BUTANE/PROPANE The Occupational Exposure Standard is 600ppm (1430mgm) Used correctly in aerosol form, all components can be considered to have a low order of toxicity (LD50 oral rat 500mg/kg, skin 3000mg/kg). Deliberate inhalation may cause severe pulmonary and breathing difficulty, dizziness, drowsiness (narcosis) and headaches (but this is unlikely in normal usage), and would constitute abuse. Skin and

eye irritation may result from continued exposure to vapours when used in areas of poor ventilation, or when working in close proximity to the spray for prolonged periods, and suitable steps should be taken to avoid such conditions.

12. ECOLOGICAL INFORMATION

This relates to the contents only, see Disposal. The product will evaporate quickly to the air. A colourless liquid, easily absorbed, will evaporate quickly. Mobility will be relatively fast. Degradation will be relatively slow though ultimately almost complete. Accumulation is unlikely once physical breakdown commences. Short and Long Term effects should not be considered significant. Very short term damage to aquatic and soil organisms may occur in large spillage (1000+ containers) though this should disperse quickly (especially if absorbent material is used). No effects on plants or animals are indicated.

13. DISPOSAL CONSIDERATIONS

Disposal: Empty containers must not be burned because of the explosion hazard. Dispose of in accordance with Local Authority requirements. Contact specialist disposal companies.

14. TRANSPORT INFORMATION

Transport Classification: Flammable Liquid
Substance ID Number: UN 1950
Proper Shipping Name: Aerosols
ICAO/IATA/IMDG Class: 2
Subsidiary Risk: -
Packing Group: II
Transport Hazard Symbol: Black flame on red
Hazard Identity Number: 3
Emergency Action Code: -
Other: Ensure that persons transporting the product know what to do in the event of accident or spillage.

15. REGULATORY INFORMATION (SUPPLY AND LABELLING)

Supply Classification:

Risk Phrases:

R12	Extremely flammable
R20/21	Harmful by inhalation and in contact with skin
R38	Irritating to the skin
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects
R67	Vapours may cause drowsiness and dizziness

Safety Phrases:

S16	Keep away from sources of ignition – No Smoking
S36/37	Wear suitable protective clothing and gloves
S45	In case of accident or if you feel unwell seek medical advice immediately
S51	Use only in well ventilated areas.
S53	Avoid exposure – obtain special instructions before use
S62	If swallowed, do not induce vomiting: Seek medical advice.
S9	Keep container in a well ventilated place.

16. OTHER INFORMATION

The information contained in this safety data sheet was received from our suppliers and other sources and is believed to be correct. This information is provided in accordance with the requirements of the Chemicals (Hazards Information and Packaging) Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

It is the responsibility of the user to comply with all laws regulations.

SDS history: MHDS: PAN043
Revised: October 2005

SDS distribution: This document contains important information to ensure the safe storage, handling and use of this product. The information in this document should be brought to the attention of the person in your organisation responsible for advising on safety matters.

Disclaimer: The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance of suitability for particular applications. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

