



Safety Data Sheet

ACTIVATE FOODCARE BLADE SHIELD



Nonfood Compounds
Program Listed H1 & 3H
Registration No 143447

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

1.1. Product identifier

Product name: Activate Foodcare Blade Shield

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

Identified uses: Lubricant for general machinery. For direct food contact.

1.3. Details of the supplier of the safety data sheet

Company name: Activate Lubricants Ltd
Furthermore Hall
CM7 4TX
United Kingdom
Tel: +44 (0) 1371 812970
Email: sales@activatelube.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1371 812970 (office hours only)
UK Consumers: NHS 111
Medical Professionals: www.toxbase.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards: Aerosol 1 - H222, H229
Health hazards: Not Classified
Environmental hazards: Not Classified

2.2. Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements: H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated.

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P243 Take precautionary measures against static discharge.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

P102 Keep out of reach of children.



2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

butane CAS number: 106-97-8 EC number: 203-448-7	10-30%
Classification Flam. Gas 1A - H220	
white mineral oil (petrolatum) CAS number: 8042-47-5 EC number: 232-455-8	10-30%
Classification Asp. Tox. 1 - H304	

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

Inhalation:	Remove person to fresh air and keep comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention.
Ingestion:	Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention immediately.
Skin contact:	Remove contaminated clothing immediately and wash skin with soap and water. If tissues are frozen, do not remove clothes but rinse with plenty of lukewarm water.
Eye contact:	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if symptoms are severe or persist after washing.

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

General information:	See Section 11 for additional information on health hazards.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Extinguish with foam, carbon dioxide, dry powder or water fog.
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5.2. Special hazards arising from the substance or mixture

Specific hazards:	Extremely flammable aerosol. Vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.
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5.3. Advice for firefighters

Protective actions during firefighting:	Containers close to fire should be removed or cooled with water. Bursting aerosol containers may be propelled from a fire at high speed.
Special protective equipment for firefighters:	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges.
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6.2. Environmental precautions

Environmental precautions:	Avoid the spillage or runoff entering drains, sewers or watercourses.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up:	Allow small quantities to evaporate to the atmosphere in a safe, open place. Absorb spillage with non-combustible, absorbent material. Provide adequate ventilation.
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6.4. Reference to other sections

Reference to other sections:	For waste disposal, see Section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions:	Wear protective clothing as described in Section 8 of this safety data sheet.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions:	Keep away from heat, sparks and open flame. Do not expose to temperatures exceeding 50°C/122°F.
Storage class:	Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s):	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits butane:	Long-term exposure limit (8-hour TWA): WEL 1450 mg/m ³ . Short-term exposure limit (15-minute): WEL 1810 mg/m ³ . WEL = Workplace Exposure Limit.
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8.2. Exposure controls

Appropriate engineering controls:	As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.
Personal protection:	Do not eat, drink or smoke when using this product.
Eye/face protection:	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.



Hand protection:	No specific requirements are anticipated under normal conditions of use. For users with sensitive skin, it is recommended that suitable protective gloves are worn.
Other skin and body protection:	No specific requirements are anticipated under normal conditions of use.
Hygiene measures:	Wash after use and before eating, smoking and using the toilet.
Respiratory protection:	No specific requirements are anticipated under normal conditions of use. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	Grease. Aerosol.
Colour:	White.
Flash point:	< 40°C
Comments:	Information given is applicable to the major ingredient.

9.2. Other information

Other information:	None.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity:	Not known.
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10.2. Chemical stability

Stability:	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions:	No potentially hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid:	Avoid heat, flames and other sources of ignition. Pressurised container: may burst if heated.
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10.5. Incompatible materials

Materials to avoid:	Acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products:	Carbon dioxide (CO ₂). Carbon monoxide (CO). Oxides of nitrogen.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Inhalation:	Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.
Ingestion:	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact:	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Prolonged and frequent contact may cause redness and irritation. Dryness and/or cracking.
Eye contact:	Vapour or spray in the eyes may cause irritation and smarting.



Acute & chronic health hazards: Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death. Arrhythmia (deviation from normal heartbeat).

SECTION 12: Ecological information

12.1. Toxicity

Toxicity: No data available.

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: The product contains volatile substances which may spread in the atmosphere.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment: No data available.

12.6. Other adverse effects

Other adverse effects: The product contains volatile organic compounds (VOCs) which have a photochemical ozone creation potential.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information: Dispose of contents/container in accordance with local regulations.

Disposal methods: Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN No. (ADN) 1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID): AEROSOLS

Proper shipping name (IMDG): AEROSOLS

Proper shipping name (ICAO): AEROSOLS

Proper shipping name (ADN): AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class:	2.1
ADR/RID classification code:	5F
ADR/RID label:	2.1
IMDG class:	2.1
ICAO class/division:	2.1
ADN class:	2.1
Transport labels:	



14.4. Packing group

ADR/RID packing group:	None
IMDG packing group:	None
ICAO packing group:	None
ADN packing group:	None

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant: No.

14.6. Special precautions for user

EmS:	F-D, S-U
ADR transport category:	2
Tunnel restriction code:	(D)

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

Guidance: <http://echa.europa.eu>
www.hse.gov.uk
 Supplier Safety Data Sheets
 Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Registration:	Activate Foodcare Blade Shield contains only FDA listed ingredients. NSF H1 and 3H registered. Registration No 143447. This product is free from all allergens listed on the current FSA allergen list. Available on our website at www.activatelube.co.uk
Revision date:	As in footer.



Hazard statements in full

- H220 Extremely flammable gas.
- H222 Extremely flammable aerosol.
- H229 Pressurised container: may burst if heated.
- H304 May be fatal if swallowed and enters airways.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.