



Safety Data Sheet

## ACTIVATE FOODCARE SPRAY GREASE



Nonfood Compounds  
Program Listed H1  
Registration No 135631

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: Activate Foodcare Spray Grease  
Product code:

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

Use of substance / mixture: Lubricant, General machinery, Indirect food contact.  
Uses advised against: Do not use on live electrics – potential ignition.

#### 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: 01371 812970

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Regulation EC 1272/2008: Aerosol (cat 1) Extremely flammable

#### 2.2. Label elements

Label elements:



Signal word(s):	Danger	
Hazard statements:	H222	Extremely flammable aerosol
	H229	Pressurised container: may burst if heated
	H412	Harmful to aquatic life with long lasting effects
Precautionary statements:	P210	Keep away from heat/sparks/open flames/hot surfaces
	P211	Do not spray on an open flame or other ignition source
	P243	Take precautionary measures against static discharge
	P251	Pressurised container – do not pierce or burn, even after use
	P261	Avoid breathing vapour/spray
	P271	Use only outdoors or in well-ventilated area
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C



2.3. Other hazards

The mixture does not contain any vPvB or PBT substances.  
 Danger of bursting (explosion) when heated over 50°C.

**Section 3: Composition/information on ingredients**

3.2. Mixtures

Hazardous Ingredients	%W/W	CAS No EC No	Reach Reg No	Hazard Pict/Statements
Hydrocarbon aerosol propellant (<0.1 butadiene)	25-50	68476-85-7 270-704-2	N/A	Flam gas1, H220
Hydrocarbons,C10-C12 Isoalkanes <2% aromatics	15-25	- . 923-037-2	01-2119471991-29	Flam liq 3, H226 Asp tox 1, H304 Aq chronic 4, H413 EUH066
Propan-2-ol	5-10	67-63-0 200-661-7	01-2119457558-25	Flam liq 2, H225 Eye irritant 2, H319 STOT SE3, H336
Carbon dioxide	<5	124-38-9 204-696-9	N/A	( EU exposure limits apply)

3.3. Additional information

See sect 16 for full text of H phrases.

**Section 4: First aid measures**

4.1. Description of first aid measures

- Skin contact: Remove severely contaminated clothing. Wash with soap and water. Obtain medical attention if any discomfort occurs.
- Eye contact: Remove contact lenses. Rinse with water immediately for at least 10 minutes. Obtain medical attention if any discomfort continues.
- Ingestion: If swallowed, drink plenty of water. Do not induce vomiting. Obtain immediate medical attention.
- Inhalation: Move to fresh air. Provide rest and warmth. If effects occur, obtain medical attention.

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

The following symptoms may be apparent depending upon the routes of absorption as detailed in 4.1 above; eye irritation, headache, nausea, dizziness, respiratory tract irritation.  
 Resultant acute /long-term effect to the CNS, dermatitis, vomiting, diarrhoea and are further detailed in section 11.

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

- Immediate / special treatment: Excessive exposure may aggravate pre-existing asthma and other respiratory disorders.



## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media: Powder, alcohol resistant foam. CO<sub>2</sub>, dry chemicals.  
Unsuitable extinguishing media: Water stream

### 5.2. Special hazards arising from the substance or mixture

Exposure hazards: May produce oxides of Carbon and other combustion products. Danger of explosion when heated. Contents will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

### 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Keep containers cool by spraying with water. Ventilate closed spaces before entering.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove possible sources of ignition. Ensure sufficient ventilation. Wear suitable protective equipment as in section 8.

### 6.2. Environmental precautions

Environmental precautions: Prevent from entering drainage systems or water courses.

### 6.3. Methods and material for containment and cleaning up

Clean-up procedures: If spray or gas escapes, ensure plenty of fresh air/ventilation. Absorb spilled contents on inert material such as sand or earth - collect and dispose of as in section 13. Scrub area with detergent and water to prevent slippery residues.

### 6.4. Reference to other sections

Reference to other sections: For PPE and disposal see sections 8 and 13 respectively.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Handling requirements: Only use in areas with good ventilation. Keep away from any sources of ignition including live electrics. Do not use on hot surfaces. Take precautions against static discharge. Wash hands after use and before eating. Remove contaminated clothing.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, dry, ventilated area. Keep protected from direct sunlight and temperatures above 50°C.

### 7.3. Specific end use(s)

Specific end use(s): For general lubrication and such uses for indirect food contact equipment and machinery

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Workplace exposure limits:

Ingredients	LTEL 8 Hr	STEL 15 min	Note
Hydrocarbon aerosol propellant ( <0.1 butadiene)	1000 ppm	1250 ppm	EH40
Hydrocarbons,C10-C12 Isoalkanes <2% aromatics	1200 mg/m <sup>3</sup>	–	EH40
Propan-2-ol	400 ppm	500 ppm	EH40
Carbon dioxide	5000 ppm	15000 ppm	EH40

Biological limit value: Not established.  
PNECs, DNELs: Not established

### 8.2. Exposure controls

Appropriate engineering controls: Ensure good ventilation /local exhaust ventilation to keep airborne contaminants below exposure limits.

Personal protective equipment:

Eye / face protection

Safety goggles/glasses if there is a risk of eye contact.

Skin protection

Nitrile gloves (EN 374). See glove manufacturer data for glove selection and breakthrough time for use conditions.

Respiratory protection

Not required under normal circumstances. Type RPE if required.

Thermal hazards

Not applicable

Environmental exposure controls: See sects 6,12, 13.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance/physical state: Aerosol  
 Colour: Hazy, off-white  
 Odour: Mild, characteristic solvent  
 Odour threshold: Not established  
 pH: Not applicable  
 Melting /freezing point: < 0<sup>0</sup>C  
 IBP/boiling range: < 0<sup>0</sup>C  
 Flash Point: < 0<sup>0</sup>C  
 Evaporation rate: Not established  
 Flammability (gas): Extremely flammable  
 Upper/lower explosive limits: 1.8% - 9.4% by vol  
 Vapour pressure: Approx 5 bar at 20<sup>0</sup>C  
 Vapour density: Not established  
 Relative density: Not applicable  
 Solubility: Negligible water miscibility  
 Partition coefficient (n-octanol/water): Not established  
 Auto-ignition temperature: Not established  
 Decomposition temperature: Not established  
 Viscosity: Not applicable  
 Explosive properties: Not established  
 Oxidising properties: None



**Section 10: Stability and reactivity**

- 10.1. Reactivity  
Reactivity: No dangerous reactions known under normal conditions of use.
- 10.2. Chemical stability  
Chemical stability: Stable under proper storage and handling conditions.
- 10.3. Possibility of chemical reactions  
Chemical reactions: No dangerous reactions known.
- 10.4. Conditions to avoid  
Conditions to avoid: Heat, flame and other ignition sources .Pressurised container: Protect from sunlight and do not expose to temperatures exceeding 50<sup>0</sup>C. Do not pierce or burn even after use.
- 10.5. Incompatible materials  
Materials to avoid: Avoid contact with strong oxidising agents.
- 10.6. Hazardous decomposition products  
Haz. decomp. products: None when used as directed.

**Section 11: Toxicological information**

- 11.1. Information on toxicological effects  
Mixtures:
    - Acute toxicity
    - Irritation
    - Corrosivity
    - Sensitisation
    - Repeated dose toxicity
    - Carcinogenicity
    - Mutagenicity
    - Toxicity for reproduction
- } No data available

**Hydrocarbons, C10-C129 Isoalkanes <2% aromatics**

Toxicity / Effect	Endpoint	Value	Organism	Method	Notes
Acute Tox -Oral	LD50	>5000mg/kg	Rat	OECD 401	Harmful, gastrointestinal symptoms.
Acute tox-Inhal	LC50	>5000mg/l	Rat	OECD 403	Narcotic effect. Respiratory irritation.
Acute Tox- Derm	LD50	>5000mg/kg	Rabbit	OECD 402	Minimally toxic.
Skin corrosion / Irritation					Repeated exposure may cause skin dryness or cracking.

Toxicity / Effect	Endpoint	Value	Organism	Method	Notes
Serious eye damage / Irritation					Irritating and may cause redness and pain.
Sensitisation - Respiratory or Skin				OECD 406	Not expected to be respiratory or skin sensitiser.
Aspiration					May be fatal if swallowed and enters airways.
Germ Cell Mutagenicity				OECD 471	Not expected to be germ cell mutagen, analogous conclusion.
Carcinogenicity					No evidence of carcinogenicity.
Reproductive toxicity				OECD 414	Negative, analogous conclusion.
Lactation					Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity STOT-SE					May cause drowsiness or dizziness.
STOT-repeated exposure				OECD 413	Not expected to cause organ damage from prolonged / repeated exposure.

## Propan-2-ol

Toxicity / Effect	Endpoint	Value	Organism	Method	Notes
Acute Tox - Oral	LD50	>2000mg/kg	Rat		
Acute Tox - Derm	LD50	>2000mg/kg	Rabbit		
Skin corrosion / Irritation			Rabbit		Not irritating
Serious eye damage / Irritation			Rabbit		Irritating
Sensitisation - Respiratory or Skin			Guinea pig	Buehler test	Not sensitising
Germ Cell Mutagenicity					
Genotox in vitro				Ames test, Salmonella typhi - with/without	Not mutagenic



Hydrocarbon aerosol propellant (<0.1% Butadiene)

General

In low concentrations may cause narcotic effects. Symptoms include dizziness, headache, nausea and loss of co-ordination.

**Section 12: Ecological information**

Mixture:

12.1	Toxicity	} No data available
12.2	Persistence and degradability	
12.3	Bioaccumulative potential	
12.4	Mobility in soil	
12.5	Results of PBT and vPvB assessment	
12.6	Other adverse effects	

**Hydrocarbons, C7-C9 Isoalkanes <2% aromatics**

12.1. Toxicity

Toxicity:

Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Test	Duration	Organism	Method	Result	Notes
Aquatic - acute	48 hrs	Daphnia magna	ECO	1000mg/l	
Aquatic - acute	72 hrs	Algae	IC 50	>1000mg/l	
Aquatic - acute	96 hrs	Oncorhynchus mykiss	LC50	1000mg/l	
Aquatic - chronic	21 days	Daphnia magna	NOEC	0.097mg/l	

12.2. Persistence and degradability

Persistence and degradability: Not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Not soluble in water – no soil mobility.

12.5. Results of PBT and vPvB assessment

PBT identification: Contains no PBT or vPvB components.

12.6. Other adverse effects

Other adverse effects: None determined.



## Propan - 2 - ol

### 12.1. Toxicity

Test	Duration	Organism	Method	Result	Notes
Toxicity to fish	48 hrs	Leucisus idus melanotus	LC50	>100mg/l	Static Lit value
Toxicity to daphnia /other aq invertibrates	48 hrs	Daphnia magna	EC50	>100mg/l	Static Lit value
Toxicity to algae	72 hrs	Scenedesmus subspicatus	EC 50	>100mg/l	Static Lit value

### 12.2. Persistence, Degradability and Bioaccumulation Potential

Media	Test type	Duration	Result	Notes
Water	Ready biodegradability	10 days (content 7mg/l)	>70%	Lit value

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

### 12.4. Mobility in soil

Mobility: No data available.

### 12.5. Results of PBT and vPvB assessment

PBT identification: Contains no PBT or vPvB components.

### 12.6. Other adverse effects

Other adverse effects: No data available.

Hydrocarbon aerosol propellant (<0.1% Butadiene)

General No known ecological damage.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Empty containers must not be burnt or incinerated because of explosion hazard. Dispose of in accordance with local authority guidelines. Empty aerosol products may be recyclable via local authority.

## Section 14: Transport information

### 14.1. UN Number

UN Number: 1950.

### 14.2. UN proper shipping name

UK proper shipping name: Aerosols





14.3. Transport hazard class  
Transport hazard class: 2 (UN / IMDG)  
ADR classification code: 5F

14.4. Packing group  
Packing group: None

14.5. Environmental hazards  
Environmental hazards: Not applicable

### Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
REACH: 1907/2006  
CLP: 1272/2008  
DPD: 199/45/EC  
COSHH: 2002 (as amended)

15.2. Chemical Safety Assessment  
Chemical Safety Assessment: A CSA has not been carried out for this mixture.

### Section 16: Other information

#### Other information

Other information: Contains only FDA listed ingredients.  
Registration: Activate Foodcare Spray Grease is NSF H1 registered, Registration No 135631,  
This product is free from all allergens listed on the current FSA allergen list. Available on our website at [www.activatelube.co.uk](http://www.activatelube.co.uk).  
Revision date: As in footer.  
Legend to abbreviations: LTEL = Long term exposure limit  
STEL (SE) = Short term exposure limit (Single exposure)  
STOT = Specific target organ toxicity  
PNEC = Predicted no effect concentration  
DNEL = Derived no effect level  
Hazard statements - referred to in sect 3:  
H220 Extremely flammable gas  
H225 Highly flammable liquid and vapour  
H226 Flammable liquid and vapour  
H304 May be fatal if swallowed and enters airways  
H316 Causes mild skin irritation  
H319 Causes serious eye irritation  
H413 May cause long lasting harmful effects to aquatic life.  
EUH066 Repeated exposure may cause skin dryness or cracking  
Classification methods used to derive classification of mixture: Classification according to calculation procedure detailed in EC1272/2008



Additional information:

This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.