



Safety Data Sheet
ACTIVATE FOODCARE 220H1



Nonfood Compounds
Program Listed H1
Registration No 125550

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

1.1. Product identifier

Product name: Activate Foodcare 220H1

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

Identified uses: Lubricating oil.

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 under CLP: Aquatic Chronic 3: H412
Most important adverse effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard statements: H412: Harmful to aquatic life with long lasting effects.
Precautionary statements: P273: Avoid release to the environment.
P501: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.



SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

REACTION MASS OF: TRIPHENYLTHIOPHOSPHATE AND TERTIARY BUTYLATED PHENYL DERIVATIVES - REACH
registered number(s): 01-2119480426-35-0000, 01-2120052100-80-0000

EINECS	CAS	PBT/WEL	CLP Classification	Percent
421-820-9	192268-65-8	-	Aquatic Chronic 4: H413; Repr. 2: H361d	<0.5%

OCTYLATED/BUTYLATED DIPHENYLAMINE - REACH registered number(s): 01-2119491299-23-0000, 01-2119491299-23-0014

EINECS	CAS	PBT/WEL	CLP Classification	Percent
270-128-1	68411-46-1	-	Aquatic Chronic 3: H412; Repr. 2: H361f; -: H316	<0.5%

SECTION 4: First aid measures

4.1. Description of first aid measures

Skin contact:	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.

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

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	No symptoms.
Delayed / immediate effects:	Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for firefighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.



SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well-ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

Suitable packaging: Not applicable.

7.3. Specific end use(s)

Specific end use(s): PC24: Lubricants, greases, release products.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

DNEL / PNEC values:

Hazardous ingredients:

REACTION MASS OF: TRIPHENYLTHIOPHOSPHATE AND TERTIARY BUTYLATED PHENYL DERIVATIVES

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	0.59mg/m3	Workers	Systemic
DNEL	Dermal	0.17mg/kg	Workers	Systemic
DNEL	Inhalation	0.14mg/m3	Consumers	Systemic
DNEL	Dermal	0.08mg/kg	Consumers	Systemic
DNEL	Oral	0.08mg/kg	Consumers	Systemic



8.2. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protection not required.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses.
Skin protection:	Protective clothing.
Environmental:	No special requirement.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Oil.
Colour:	Colourless.
Odour:	Odourless.
Solubility in water:	Insoluble.
Kinematic viscosity:	220 cSt
Flash point °C:	>200
Autoflammability °C:	>200
Relative density:	0.87

9.2. Other information

Other information:	Not applicable.
--------------------	-----------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity:	Stable under recommended transport or storage conditions.
-------------	---

10.2. Chemical stability

Stability:	Stable under normal conditions.
------------	---------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
-------------------------------------	---

10.4. Conditions to avoid

Conditions to avoid:	Heat.
----------------------	-------

10.5. Incompatible materials

Materials to avoid:	Strong oxidising agents. Strong acids.
---------------------	--

10.6. Hazardous decomposition products

Hazardous decomposition products:	In combustion emits toxic fumes.
-----------------------------------	----------------------------------



SECTION 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

REACTION MASS OF: TRIPHENYLTHIOPHOSPHATE AND TERTIARY BUTYLATED PHENYL DERIVATIVES

DERMAL	RAT	LD50	>2,000	mg/kg
ORAL	RAT	LD50	>2,000	mg/kg

OCTYLATED/BUTYLATED DIPHENYLAMINE

DERMAL	RBT	LD50	>2,000	mg/kg
ORAL	RAT	LD50	>5,000	mg/kg

Toxicity values:

No data available.

Symptoms/routes of exposure:

Skin contact:

There may be mild irritation at the site of contact.

Eye contact:

There may be irritation and redness.

Ingestion:

There may be irritation of the throat.

Inhalation:

No symptoms.

Delayed / immediate effects:

Delayed effects can be expected after long-term exposure.

Other information:

Not applicable.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

REACTION MASS OF: TRIPHENYLTHIOPHOSPHATE AND TERTIARY BUTYLATED PHENYL DERIVATIVES

Daphnia magna	48H EC50	>100	mg/l
MARINE ALGAE (Skeletonema costatum)	72H ErC50	>100	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>100	mg/l

OCTYLATED/BUTYLATED DIPHENYLAMINE

ALGAE	48H EC50	>100	µg/l
Ceriodaphnia dubia	96H LC50	>100	µg/l
Daphnia magna	48H EC50	51	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.



12.6. Other adverse effects

Other adverse effects:

Toxic to aquatic organisms. Toxic to soil organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations:

Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations:

Not applicable.

Disposal of packaging:

Dispose of as normal industrial waste.

NB:

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class:

This product does not require a classification for transport.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations:

Substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list)
O,O,O-triphenyl phosphorothionate- The material within this SDS meets the criteria for persistent, bioaccumulative and toxic in accordance with Annex XIII.
Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives-The material within this SDS meets the criteria for persistent, bioaccumulative and toxic in accordance with Annex XIII.

15.2. Chemical safety assessment

Chemical safety assessment:

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16: Other information

Registration:

Activate Foodcare 220H1 is NSF category H1 registered. Registration No 125550. 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.

Phrases used in s.2 and s.3:

H316: Causes mild skin irritation

H361d: Suspected of damaging the unborn child.

H361f: Suspected of damaging fertility.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

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.