

SAFETY DATA SHEET

PRODUCT NAME: VROOAM AIR FOAM FILTER OIL



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

1.1 Product identifier

Trade name : VROOAM AIR FOAM FILTER OIL
Product code(s) : 63965

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

Application of the substance / the mixture
Grease

1.3. Details of the supplier of the safety data sheet

VROOAM Powersports Lubricants INT. B.V.
Aventurijn 300
3316 LB Dordrecht (NL)
0031 (0) 78 750 1632
www.vrooam-lubricants.com
info@vrooam-lubricants.com

· Further information obtainable from: Product Safety Department

1.4. Emergency telephone number: 0031 (0) 78 750 16 32 (9 AM to 5 PM, Monday to Friday)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008

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The product is classified and labelled according to the CLP regulation.

· Hazard pictograms



GHS02



GHS07



GHS08



GHS09

Signal word Danger

Hazard-determining components of labelling:

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic

Hazard statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P261	Avoid breathing mist.
P280	Wear protective gloves / eye protection / face protection.
P301+P310	IF SWALLOWED: Immediately call a doctor.
P321	Specific treatment (see on this label).
P331	Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

· Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Dangerous components:		
CAS: 64742-49-0 EC number: 927-510-4 Reg.nr.: 01-2119475515-33	Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	50-<75%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45	calcium dihydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	1-<2.5%

· Additional information:

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SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation : In case of unconsciousness place patient stably in side position for transportation.
 After skin contact : Immediately wash with water and soap and rinse thoroughly.
 After eye contact : Rinse opened eye for several minutes under running water.
 After swallowing : Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents : Water haze
 Fire-extinguishing powder
 Carbon dioxide
 Alcohol resistant foam
 For safety reasons unsuitable extinguishing agents : Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
 Prevent seepage into sewage system, workpits and cellars.
 Inform respective authorities in case of seepage into water course or sewage system.
 Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 Dispose contaminated material as waste according to item 13.
 Ensure adequate ventilation.
 Do not flush with water or aqueous cleansing agents

6.4 Reference to other sections

See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles : Store in a cool location.

Information about storage in one common storage facility : Observe official regulations on storing packagings with pressurised containers.

Further information about storage conditions : Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
64742-49-0 Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic		
Oral	DNEL Long term-systemic	149 mg/kg bw/day (Consumer)
Dermal	DNEL Long term-systemic	149 mg/kg bw/day (Consumer)
		300 mg/kg bw/day (Worker)
Inhalative	DNEL Long term-systemic	477 mg/m3 (Consumer)
		2085 mg/m3 (Worker)

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment : General protective and hygienic measures:
 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Do not inhale gases / fumes / aerosols.
 Avoid contact with the skin.
 Avoid contact with the eyes and skin.

Respiratory protection : Use suitable respiratory protective device in case of insufficient ventilation.
 Filter A2/P2

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Protection of hands : Wear gloves for the protection against chemicals according to EN 374



Protective gloves

Solvent resistant gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.5 mm

Penetration time of glove material

For continuous contact we recommend gloves with breakthrough time of at least 240 minutes, with the preference given to a breakthrough time greater than 480 minutes. For short-term or splash guard we recommend the same. We are aware that suitable gloves that offer this level of protection may not be available. In that case, a shorter breakthrough time are acceptable as long as the procedures governing maintenance and timely replacement are followed. The thickness of the gloves is not a good measure of the resistance of the gloves against a chemical substance, because this depends on the exact composition of the material from which the gloves are made.

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Safety glasses



Tightly sealed goggles

Body protection: Use protective suit. (EN-13034/6)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Liquid
Colour	: Dark red
Odour	: Mineral-oil-like
Odour threshold:	Not determined.
pH-value	: Not determined.

Change in condition

Melting point/freezing point	: Undetermined.
Initial boiling point and boiling range	: 83-105 °C
Flash point	: -5 °C
Flammability (solid, gas)	: Not applicable.
Auto-ignition temperature	: Product is not selfigniting.
Explosive properties	: Product is not explosive. However, formation of explosive air/ vapour mixtures are possible. Not determined.

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Explosion limits:

Lower : 0.6 Vol %
Upper : 8 Vol %

Vapour pressure at 20 °C : 48 hPa

Density at 20 °C: : 0.75 g/cm³

Relative density : Not determined.

Vapour density : Not determined.

Evaporation rate : Not determined.

Solubility in / Miscibility with : water: Not miscible or difficult to mix.

Partition coefficient: : Not determined.

n-octanol/water

Viscosity:

Dynamic : Not determined.

Kinematic : Not determined.

Solvent content:

Organic solvents : 58.6 %

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

64742-49-0 Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic

Oral	LD50	>5840 mg/kg (rat)
Dermal	LD50	>2920 mg/kg (rat)
Inhalative	LC50/4 h	23.3 mg/l (rat)

1305-62-0 calcium dihydroxide

Oral	LD50	>2001 mg/kg (rat)
Dermal	LD50	>2500 mg/kg (rabbit)

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Primary irritant effect:

Skin corrosion/irritation : Causes skin irritation.
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitisation : Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity : Based on available data, the classification criteria are not met.
 Carcinogenicity : Based on available data, the classification criteria are not met.
 Reproductive toxicity : Based on available data, the classification criteria are not met.
 STOT-single exposure : May cause drowsiness or dizziness.
 TOT-repeated exposure : Based on available data, the classification criteria are not met.
 Aspiration hazard : May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

64742-49-0 Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic	
EL50 (72h)	10-30 mg/l (algae)
LC50/96h	>13.4 mg/l (Fish)
EC50/48h	3 mg/l (Daphnia magna)
1305-62-0 calcium dihydroxide	
EC50 (72h)	184.57 mg/l (algae)
LC50/96h	50.6 mg/l (Fish)
EC50	59.1 mg/l (Daphnia magna)

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Ecotoxicological effects:

Remark : Toxic for fish

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects

No further relevant information available.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue	
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP14	Ecotoxic

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

RUBRIEK 14: Informatie met betrekking tot het vervoer

14.1 UN-Number

ADR, ADN, IMDG, IATA : UN1993

14.2 UN proper shipping name

ADR, ADN : UN1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic)
 IMDG : FLAMMABLE LIQUID, N.O.S. (Hydrocarbons,C7,nalkanes, isoalkanes,cyclic),
 MARINE POLLUTANT
 IATA : FLAMMABLE LIQUID, N.O.S. (Hydrocarbons,C7,nalkanes, isoalkanes,cyclic)

14.3 Transport hazard class(es)

ADR, IMDG



Class : 3 Flammable liquids.
 Label : 3

ADN

ADN/R Class: : 3 Flammable liquids.

IATA



Class : 3 Flammable liquids.
 Label : 3

14.4 Packing group

ADR, IMDG, IATA : II

14.5 Environmental hazards:

Product contains environmentally hazardous substances:
 Hydrocarbons,C7,n-alkanes,isoalkanes,cyclic

Marine pollutant : Yes
 Symbol (fish and tree)

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Special marking (ADR) : Symbol (fish and tree)

14.6 Special precautions for user

Warning : Flammable liquids.
 Danger code (Kemler) : 33
 EMS Number : F-E,S-E
 Stowage Category : B

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information

ADR

Limited quantities (LQ) : 1L
 Excepted quantities (EQ) Code : E2
 : Maximum net quantity per inner packaging 30 ml
 : Maximum net quantity per outer packaging 500 ml

Transport category : 2
 Tunnel restriction code : D/E

IMDG

Limited quantities (LQ) : 1L
 Excepted quantities (EQ) : Code: E2
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 500 ml

UN "Model Regulation" : UN 1993 FLAMMABLE LIQUID, N.O.S.
 (HYDROCARBONS,C7,NALKANES, ISOALKANES,CYCLIC), 3, II,
 ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I

None of the ingredients is listed.

Seveso category

E2 Hazardous to the Aquatic Environment
 P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements

200 t

Qualifying quantity (tonnes) for the application of upper-tier requirements

500 t

REGULATION (EC) No 1907/2006 ANNEX XVII

Conditions of restriction: 3

National regulations:	
Class	Share in %
NK	50-<75

VOC-CH : 58.57 %
 VOC-EU : 439.3 g/l

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Danish MAL Code : 5-4

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases	
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Abbreviations and acronyms:	
ADR	: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG	: International Maritime Code for Dangerous Goods
IATA	: International Air Transport Association
GHS	: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS	: European Inventory of Existing Commercial Chemical Substances
ELINCS	: European List of Notified Chemical Substances
CAS	: Chemical Abstracts Service (division of the American Chemical Society)
MAL-Code	: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)
DNEL	: Derived No-Effect Level (REACH)
LC50	: Lethal concentration, 50 percent
LD50	: Lethal dose, 50 percent
PBT	: Persistent, Bioaccumulative and Toxic
vPvB	: very Persistent and very Bioaccumulative
Flam. Liq. 2	: Flammable liquids – Category 2
Skin Irrit. 2	: Skin corrosion/irritation – Category 2
Eye Dam. 1	: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2	: Serious eye damage/eye irritation – Category 2
STOT SE 3	: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1	: Aspiration hazard – Category 1
Aquatic Chronic 2	: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

* Data compared to the previous version altered. *