

SAFETY DATA SHEET



PRODUCT NAAM: V-STREAM HYDRAULIC FLUID H 32

According to EC Regulation 1907/2006 (REACH), Annex II, including amendments implemented by EC Regulation 2020/878

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

1.1 Product identification

Trade name : V-STREAM HYDRAULIC FLUID H 32
Product code : 35352

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

Main use category: Industrial use, Professional use, Consumer use
Application of the substance / mixture : Hydraulic oil

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 available from: Product Safety Department

1.4. Emergency telephone number +31 (0) 78 750 16 32 (9:00 a.m. to 5:00 p.m. Monday to Friday)

SECTION 2: Hazards identification

2.1 Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, health and environmental effects

To the best of our knowledge,
this product does not present any specific hazard provided normal industrial hygiene practices are observed.

2.2 The labeling element

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Labeling not applicable

2.3. Other hazards

Contains no PBT and/or vPvB substances < 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain any substance included in the list established pursuant to Article 59(1) of REACH for having endocrine disrupting properties or one or more substances identified as having endocrine disrupting properties according to the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605, in a concentration greater than or equal to 0.1%.

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SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mengels

Comments : Highly refined mineral oils and additives.

Name	Product identification	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
distillates (petroleum), hydrotreated light naphthenic with national workplace exposure limit(s) (BE)	CAS No.: 64742-53-6 EC No.: 265-156-6 EU Catalogue No.: 649-466-00-2 REACH-nr: 01-2119480375-34	10 - 20	Classification according to Regulation (EC) No.1272/2008 [CLP]

(Note L)

Comments: This highly refined oil contains <3% (w/w) DMSO extract, determined according to IP346.

Note L: The harmonised classification of the substance as carcinogenic applies unless it can be shown to contain less than 3 % dimethyl sulphoxide extract, measured according to IP 346 ('Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions — Dimethyl sulphoxide extraction refractive index method', Institute of Petroleum, London), in which case the substance is also classified for that hazard class in accordance with Title II of this Regulation. refined mineral oils and additives.

Full text of H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First aid general: : If you feel unwell, seek medical advice/attention.

First aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after contact with skin : Wash skin with plenty of water.

First-aid measures after eye contact : As a precaution, rinse eyes with water.

contact First-aid measures after ingestion : Call a poison control center or doctor/physician if you feel unwell.

4.2. Most important acute and delayed symptoms and effects

effects after inhalation : Although no effects on human or animal health are known, this product is considered to pose an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions.

Symptoms/effects after eye contact : None under normal conditions.

Symptoms/effects after ingestion : None under normal conditions.

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

Symptomatic treatment.

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SECTION 5: Firefighting measures

5.1 Fire extinguishing agents

Suitable extinguishing agents : Water mist
Bluespoeder
Carbon dioxide
Foam

For safety reasons unsuitable extinguishing media: Water with a full jet

5.2 Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
Explosion hazard : No immediate explosion hazard.
Hazardous decomposition products in case of fire : Possible formation of toxic fumes.

5.3 Advice for firefighters

Blusinstructies : Fight fire from a safe distance and in a sheltered area. Do not enter the fire area without appropriate safety equipment, including respiratory protection.
Protection during firefighting : Do not intervene without suitable protective equipment. Self-contained breathing apparatus. Full protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Stop the leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb leaked/spilled material to prevent material damage.

For persons other than the emergency services

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate contaminated area.

For the emergency services

Protective equipment : Do not intervene without appropriate protective equipment. For further information, see Section 8: "Exposure Controls/Personal Protection."
Emergency procedures : Remove unnecessary personnel. Seal the leak if it is safe to do so.

6.2 Environmental precautions

Avoid release to the environment.

6.3 Containment and cleaning methods and materials

Before inclusion : Absorb spills with sand or earth. Contain spills with dikes or absorbents to prevent them from spreading and entering drains or rivers. If possible, stop the leak without risk.

Cleaning methods : Absorb spilled liquid with absorbent material.
Other information : Take waste or solid residues to an approved waste handling facility.

6.4 Reference to other sections

For further information, see section 13.

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SECTION 7: Handling and storage

7.1 Precautions for safe use

Additional hazards when processed; Not expected to present a significant hazard under normal conditions of use.

Ensure good ventilation in the processing area to avoid the formation of vapours.

Hygiene measures; Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures; Store in a cool, well-ventilated area away from heat.

Storage conditions: Keep containers closed when not in use. Store in a cool, well-ventilated area away from heat.

Storage temperature: 0 – 40 °C

Packaging material: Always store the product in packaging made of the same material as the original packaging.

7.3. Specific end use

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information on the design of technical facilities: No further data; see point 7.

8.1. Controleparameters

Ingredients with limits that must be monitored at the workplace:

Hydraulic H 32

Exposure limits/standards that can be set when handling this product. When mists or fogs may occur, the following is recommended:

5 mg/m³ - ACGIH TLV (inhalable fraction).

8.2 Exposure control measures

Appropriate technical measures:

Ensure good ventilation of the workplace.

Personal protective equipment:

Wear recommended personal protective equipment.

Symbol(s) for personal protective equipment:



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Eye and face protection

Safety glasses

Type	Scope of application	Features	Norm
Safety glasses	Droplets	bright	EN 166

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear gloves for protection against chemicals according to EN 374



Protective gloves

Solvent resistant gloves

Select glove material taking into account penetration times, diffusion rates and degradation.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

No additional information available

Control of environmental exposure

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical condition	: Liquid
Colour	: Yellow.
Smell	: characteristic.
Odor threshold value	: Not available
Melting point	: Not applicable
Freezing point	: -39 °C - ASTM D5950 (pour point)
Boiling point	: Not available
Flammability	: Not applicable
Explosive properties	: Presents no specific fire or explosion hazard.
Lowest explosion limit value	: Not available
Upper explosion limit value	: Not available
Flash point	: 200 °C - ASTM D92 (COC)
Auto-ignition temperature	: Not available
Analysis temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 33,3 mm ² /s (40 °C) - ASTM D7042
Solubility	: Water: Insoluble / Poorly miscible
Partition coefficient n-octanol/water (Log Kow):	Not available
Vapor pressure	: Not available

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Vapor pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available.
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

9.2 Other information

Information on physical hazard classes
No additional information available

Other safety features
VOC content: 0%

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous

reactions: No hazardous reactions known under normal use conditions. Reacts violently with (strong) oxidizing agents.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition

products No decomposition under normal storage conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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Skin corrosion/irritation	: Not classified
Serious eye damage/eye irritation	: Not classified
Respiratory/skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT single exposure	: Not classified
STOT - repeated exposure	: Not classified
Danger of inhalation	: Not classified

Hydraulic H 32	
Viscosity, kinematic	33,3 mm ² /s (40 °C) - ASTM D7042
distillates (petroleum), hydrotreated light naphthenic (64742-53-6)	
Viscosity, kinematic	9 mm ² /s

11.2 Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms and has no long-term negative impact on the environment.

Hazardous to the aquatic environment, (acute) short term : Not classified

Hazardous to the aquatic environment, (chronic) long-term : Not classified

distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LC50 - Fish [1]	> 100 mg/l (96h) > 10 mg/l
EC50 - Crustaceans [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
NOEC (acute)	> 100 mg/l (72h)

12.2. Persistence and degradability

Hydraulic H 32	
Persistence and degradability	Not readily biodegradable
distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
Persistence and degradability	Not readily biodegradable

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12.3. Bioaccumulation

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste legislation Waste treatment methods

: Waste disposal in accordance with legal provisions.

: Dispose of contents/packaging in accordance with the sorting instructions of an approved collection company.

Wastewater disposal recommendations Product/

: Waste disposal in accordance with legal provisions.

Packaging disposal recommendations : Dispose of in a safe manner in accordance with local/national regulations.

Additional information

: Do not reuse empty containers. : 13 01 10* -

European Waste List (LoW, EC 2000/532)

non-chlorinated mineral hydraulic oil

SECTION 14: Transport information

14.1. VN number or ID number

Not classified as dangerous according to transport regulations

14.2. Proper shipping name according to the UN Model Regulations

Not regulated 14.3.

Transport hazard class(es)

Not regulated

14.4. Packing group

Not regulated 14.5.

Environmental hazards

Not regulated

14.6 Special precautions for user

Road transport Not regulated

Transport by sea Not regulated

Air transport Not regulated

Transport by inland waterway

Not regulated

Rail transport

Not regulated

14.7. Sea transport in bulk in accordance with IMO instruments

Not applicable

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SECTION 15: Regulations

15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture

15.1.1. EU regulations

REACH list of restrictions (Annex XVII)		
Reference code	Applicable to	Mention or description
3(b)	distillates (petroleum), with hydrogenated heavy paraffinic	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to EC Regulation 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

REACH Annex XIV (list of substances subject to authorisation)

Does not contain any substance(s) included in REACH Annex XIV (list of substances subject to authorisation)

REACH Candidate List (SVHC)

Does not contain any substance(s) included in the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Does not contain substances included in the PIC list (Regulation EU 649/2012 on the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Does not contain substances included in the POP list (Regulation EU 2019/1021 on organic pollutants)

Ozone Regulation (1005/2009)

Does not contain substances included in the list of ozone depleting substances (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Does not contain a substance covered by COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 establishing a Community regime for the control of export, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

VOC content: 0 %

Explosives Precursors Regulation (2019/1148)

Does not contain substances included in the list of explosives precursors (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Precursors Regulation (273/2004)

Does not contain substances included in the list of precursors for medicinal products (Regulation EC 273/2004 on the production and placing on the market of certain substances used in the illicit production of narcotic drugs and psychotropic substances)

15.1.2. National regulations

ABM category

:A(4) - Slightly harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SZW list of carcinogenic substances: None of the ingredients are present

SZW list of mutagenic substances: None of the ingredients are present

SZW list of reprotoxic substances – Breastfeeding: None of the ingredients are present

SZW list of reprotoxic substances – Fertility: None of the ingredients are present

SZW list of reprotoxic substances – Development: None of the ingredients are present

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SECTION 16: Other information

Notification of changes		
Section	Modified item	Change
1.1	Replaces	Altered
1.1	Date of revision	Altered
1.1	Product type	Added
1.2	Function or category of use	Deleted
3	Composition and information on ingredients Changed	
4.1	General first aid	Added
4.2	Symptoms/effects after ingestion	Added
4.2	Symptoms/effects after eye contact	Added
4.2	Symptoms/effects after skin contact	Added
4.2	Symptoms/effects after inhalation	Added
5.2	Explosion hazard	Added
5.2	Hazardous decomposition products in case of fire Modified	
5.2	Fire hazard	Altered
5.3	Blusinstructies	Added
6.1	Emergency procedures	Added
6.1	Protective equipment	Added
6.1	General measures	Added
6.3	Before inclusion	Added
7.1	Additional hazards during processing	Added
7.2	Packaging material	Added
7.2	Technical measures	Added
8.2	Personal protective equipment	Added
13.1	Recommendations for wastewater disposal	Added
13.1	Additional information	Added
13.1	Regional waste legislation	Added

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE	Acute toxicity assessment
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)

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Abbreviations and acronyms:	
DMEL	Derived Minimal Effect Dose
DNEL	Derived No-Effect Level
EC No.	European Commission Number
EC50	Median effective concentration
IN	European standard
IARC	International Agency for Research on Cancer
BEHOLD	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC50	Concentration that kills 50% of a test population
LD50	Dose that causes death in 50% of a test population (median lethal dose)
LOAEL	Lowest dose or concentration at which an adverse effect was observed
NOAEC	Concentration at which no adverse effect was observed
NOAEL	Level or concentration at which no adverse effect was observed NOEC
No-Observed-Effect Concentration	
OECD	Organisation for Economic Co-operation and Development, OECD
OIL	Occupational exposure limit
PBT	Persistent, bioaccumulative and toxic substance
PNEC P	Predicted No-Effect Concentration(s)
RID	Regulations concerning the international carriage of dangerous goods by rail
VIB	Safety data sheet
STP	Water Purification Plant
ThZV	Theoretical oxygen demand (TZV)
TLM	Median Tolerance Limit
VOC	Volatile organic compounds
CAS-Nr	Chemical Abstract Service - Nummer
NEG Not	Elsewhere Specified
vPvB	Very persistent and very bioaccumulative, vPvB
ED	Endocrine disrupting properties