	<div>Safety Data Sheet</div> <div>according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878</div>	Issue date: 2/26/2018
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Trade name	: VERNIS RIFE
Product code	: 0404
Product group	: Trade product
Other means of identification	: N° UFI Vernis rife incolore / neutral: NPVK-A3JH-N00K-MRXG N° UFI Vernis rife noir / black: RKVK-T3V4-C003-XECE

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

1.2.1. Relevant identified uses

Intended for general public	
Main use category	: Consumer use
Use of the substance/mixture	: Care product for patent leather.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

AVEL
 15 route de l'Océan
 16320 MAGNAC-LAVALLETTE-VILLARS - FRANCE
 T +33 5 45 64 74 74 - F +33 5 45 64 77 36
avel@avel.com - www.avel.com

1.4. Emergency telephone number

Emergency number : +33 5 45 64 74 74

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 3 H226
 Specific target organ toxicity – Single exposure, Category 3, Narcosis H336

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

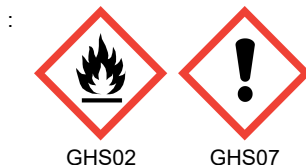
Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause drowsiness or dizziness.

2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

Hazard statements (CLP)

: H226 - Flammable liquid and vapour.
H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP)

: P101 - If medical advice is needed, have product container or label at hand.



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P102 - Keep out of reach of children.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
: EUH066 - Repeated exposure may cause skin dryness or cracking.

EUH-statements

2.3. Other hazards

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics	(EC-No.) 919-857-5 (REACH-no) 01-2119463258-33	≥ 75	Flam. Liq. 3, H226 Muta. Not classified Carc. Not classified STOT SE 3, H336 Asp. Tox. 1, H304

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.
First-aid measures after eye contact : Rinse eyes with water as a precaution.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : May cause drowsiness or dizziness.
Symptoms/effects after skin contact : Repeated exposure may cause skin dryness or cracking.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media


Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel	
Emergency procedures	: Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Ground/bond container and receiving equipment.
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

7.3. Specific end use(s)

No additional information available


SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics		
EU	IOEL TWA	116 mg/m³
EU	IOEL STEL	290 mg/m³

8.2. Exposure controls

- Appropriate engineering controls:
- Ensure good ventilation of the work station.
- Hand protection:
- Protective gloves
- Eye protection:
- Safety glasses
- Skin and body protection:
- Wear suitable protective clothing
- Respiratory protection:

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In case of insufficient ventilation, wear suitable respiratory equipment



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Viscous liquid.
Colour	: Various colours.
Odour	: Perfume.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 40 °C (ANA080 (Coupe fermée/Closed cup))
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability	: Flammable liquid and vapour.
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Relative density	: No data available
Density	: 0.77 – 0.8 g/cm ³ (20 °C)
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: > 20.5 mm ² /s (40 °C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 94.9 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.



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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

LD50 oral rat > 5000 mg/kg (OECD 401)

LD50 dermal rabbit > 5000 mg/kg (OECD 402)

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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Viscosity, kinematic > 20.5 mm²/s (40 °C)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

LC50 - Fish [1] > 1000 mg/l (Oncorhynchus mykiss) (OECD 203)

EC50 - Crustacea [1] > 1000 mg/l (Daphnia magna) (OECD 202)

EC50 - Other aquatic organisms [1] > 1000 mg/l waterflea

EC50 - Other aquatic organisms [2] > 1000 mg/l

EC50 72h - Algae [1] > 1000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)

12.2. Persistence and degradability

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

Biodegradation 80 % (28 days)

12.3. Bioaccumulative potential

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

Partition coefficient n-octanol/water (Log Pow) 5 – 7

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
14.1. UN number			
1993	1993	1993	1993
14.2. UN proper shipping name			
FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics)	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics)	Flammable liquid, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics)	FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics)
Transport document description			
UN 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics), 3, III, (D/E)	UN 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics), 3, III	UN 1993 Flammable liquid, n.o.s. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics), 3, III	UN 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics), 3, III
14.3. Transport hazard class(es)			
3	3	3	3
			
14.4. Packing group			
III	III	III	III
14.5. Environmental hazards			
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available			

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 274, 601
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1
Packing instructions (ADR) : P001, IBC03, LP01, R001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP29
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Operation (ADR) : S2
Hazard identification number (Kemler No.) : 30



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Orange plates

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1993

Tunnel restriction code (ADR)

: D/E

EAC code

: •3Y

- Transport by sea

Special provisions (IMDG)

: 223, 274, 955

Limited quantities (IMDG)

: 5 L

Excepted quantities (IMDG)

: E1

Packing instructions (IMDG)

: LP01, P001

IBC packing instructions (IMDG)

: IBC03

Tank instructions (IMDG)

: T4

Tank special provisions (IMDG)

: TP1, TP29

EmS-No. (Fire)

: F-E

EmS-No. (Spillage)

: S-E

Stowage category (IMDG)

: A

MFAG-No

: 128

- Air transport

PCA Excepted quantities (IATA)

: E1

PCA Limited quantities (IATA)

: Y344

PCA limited quantity max net quantity (IATA)

: 10L

PCA packing instructions (IATA)

: 355

PCA max net quantity (IATA)

: 60L

CAO packing instructions (IATA)

: 366

CAO max net quantity (IATA)

: 220L

Special provisions (IATA)

: A3

ERG code (IATA)

: 3L

- Rail transport

Classification code (RID)

: F1

Special provisions (RID)

: 274, 601

Limited quantities (RID)

: 5L

Excepted quantities (RID)

: E1

Packing instructions (RID)

: P001, IBC03, LP01, R001

Mixed packing provisions (RID)

: MP19

Portable tank and bulk container instructions (RID)

: T4

Portable tank and bulk container special provisions (RID)

: TP1, TP29

Tank codes for RID tanks (RID)

: LGBF

Transport category (RID)

: 3

Special provisions for carriage – Packages (RID)

: W12

Colis express (express parcels) (RID)

: CE4

Hazard identification number (RID)

: 30

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations



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Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

Contains no substance(s) listed on the REACH Candidate List

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

VOC content : 94.9 %

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out


SECTION 16: Other information

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 Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:

Asp. Tox. 1 Aspiration hazard, Category 1

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Carc. Not classified	Carcinogenicity Not classified
EUH066	Repeated exposure may cause skin dryness or cracking.
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
Muta. Not classified	Germ cell mutagenicity Not classified
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis

SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.