

SAFETY DATA SHEET

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

Document Code:	SDS-0006
Create Date:	11/13/2012
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture

Product name : Absorbine® Hooflex® Original Liquid Conditioner

Product number : 428354

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Conditions to maintain healthy hooves

1.2.2. Uses advised against

Restrictions on use : None known

1.3. Details of the supplier of the safety data sheet

ManufacturerDistributorW.F. Young, Inc.W.F. Young GmbH302 Benton DriveThomas-Wimmer-Ring 17East Longmeadow, MA 0102880539 Munich, Germany

USA Germany

T (413) 526-9999 x 468, F (413) 526-9869 T +49 89 20194070 <u>www.wfyoung.com</u> SDS@wfyoung.com

1.4. Emergency telephone number

Emergency number : Company Hotline: +1 (413) 526-9999

Country/Area	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	PO Box 1297 Beaumont Road 9 Dublin	+353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7)	
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1 H317 Hazardous to the aquatic environment – Chronic Hazard, H412

Category 3

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

Adverse physicochemical, human health and environmental effects

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Creator	Controller	Approvers
Neil Beaudette	Victor Vides	Michael Carlson - Director of Quality
Quality Assurance Manager	Regulatory Manager	Audra Mulligan - Regulatory Director



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2.2. Label elements

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

Hazard pictograms (CLP)

GHS07

Signal word (CLP) : Warning

Contains : 4-Chloro-3,5-dimethylphenol; Rosin; Gum turpentine oil; Pinus palustris wood tar

Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.
P261 - Avoid breathing vapours.
P273 - Avoid release to the environment.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

2.3. Other hazards

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

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Rosin (8050-09-7), Gum turpentine oil (8006-64-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Rosin (8050-09-7), Gum turpentine oil (8006-64-2)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Gum turpentine oil substance with national workplace exposure limit(s) (GB)	CAS-No.: 8006-64-2 EC-No.: 232-350-7 EC Index-No.: 650-002-00-6	7.5	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 (ATE=13.7 mg/l/4h) Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight) Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Asp. Tox. 1, H304 Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Pinus palustris wood tar	CAS-No.: 8011-48-1 EC-No.: 232-374-8	3.5	Skin Sens. 1, H317 Aquatic Chronic 3, H412
4-Chloro-3,5-dimethylphenol	CAS-No.: 88-04-0 EC-No.: 201-793-8 EC Index-No.: 604-038-00-4	1.5	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317
Rosin substance with national workplace exposure limit(s) (GB)	CAS-No.: 8050-09-7 EC-No.: 232-475-7 EC Index-No.: 650-015-00-7	1.25	Skin Sens. 1, H317

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 : If you feel unwell, seek medical advice.

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

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash

occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse eyes with water as a precaution. If eye irritation persists: Get medical

advice/attention.

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 an allergic skin reaction. May cause slight temporary irritation. May cause

gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: No adverse effects expected.Skin: May cause an allergic skin reaction.Eyes: None under normal conditions.Ingestion: None under normal conditions.

Chronic symptoms : No chronic health hazards are likely for this material.

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

Not required. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not classified. Combustible liquid. Could burn but does not ignite readily.

Explosion hazard : Product is not explosive.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

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5.3. Advice for firefighters

Firefighting instructions

: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Ventilate area. Remove ignition sources. Stop leak if safe to do so. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Protective equipment

Wear recommended personal protective equipment.

Emergency procedures

No open flames, no sparks, and no smoking. Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing vapours. Do not touch or walk on the spilled product. Keep unnecessary and unprotected personnel away from the spillage.

6.1.2. For emergency responders

Protective equipment

Emergency procedures

: Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection". : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak without risks if possible. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up Other information

Absorb with an inert material and place in an appropriate waste disposal container.

Dispose of materials or solid residues at an authorised site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

: Not expected to present a significant hazard under anticipated conditions of normal use.

Additional hazards when processed Precautions for safe handling

Ensure good ventilation of the work station. Avoid breathing vapours. Avoid contact with skin and eyes. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and

safety procedures.

Hygiene measures

Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Keep in a cool, well-ventilated place away from heat.

Storage conditions

: Keep cool. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking.

Incompatible materials

: Store away from strong oxidizers, strong bases, strong acids.

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Packaging materials

: Store always product in container of same material as original container.

7.3. Specific end use(s)

Conditions to maintain healthy hooves.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Rosin (8050-09-7)		
United Kingdom - Occupational Exposure Limits		
Local name	Rosin-based solder flux fume	
WEL TWA (OEL TWA)	0.05 mg/m³	
WEL STEL (OEL STEL)	0.15 mg/m³	
Remark	Sen (Capable of causing occupational asthma)	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	
Gum turpentine oil (8006-64-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Turpentine	
WEL TWA (OEL TWA)	566 mg/m³	
	100 ppm	
WEL STEL (OEL STEL)	850 mg/m³	
	150 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

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8.2.2.1. Eye and face protection

Eye protection:

Not required for normal conditions of use

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Wear suitable gloves tested to EN374.

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

Thermal hazard protection:

Not applicable.

8.2.3. Environmental exposure controls

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 Colour : Brown.

Appearance : Brown. Thick liquid.

Odour : Pine.

Odour threshold : Not available : Not applicable Melting point : Not available Freezing point Boiling point : Not available Flammability : Non flammable. Lower explosion limit : Not available Upper explosion limit : Not available Flash point Auto-ignition temperature : Not available Decomposition temperature : Not available : Not available Viscosity, kinematic : Not available Viscosity, dynamic : > 350 cP @ 20°C Solubility : Insoluble in water. Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure Not available Vapour pressure at 50°C : Not available : Not available Density Relative density : 0.895 @ 25°C Relative vapour density at 20°C : Not available

9.2. Other information

Particle characteristics

9.2.1. Information with regard to physical hazard classes

No additional information available

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: Not applicable



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9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

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

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

10.5. Incompatible materials

Keep away from oxidizers, strong acids and strong bases.

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Based on available data, the classification criteria are not met
Acute toxicity (dermal) : Based on available data, the classification criteria are not met
Acute toxicity (inhalation) : Based on available data, the classification criteria are not met

4-Chloro-3,5-dimethylphenol (88-04-0)		
LD50 oral rat	≥ 2000 mg/kg	
LD50 dermal rabbit	> 2000 mg/kg	
LC50 Inhalation - Rat (Dust/Mist)	7.9 mg/l/4h	
Rosin (8050-09-7)		
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)	
Gum turpentine oil (8006-64-2)		
LD50 oral rat	> 500 - ≤ 2000 mg/kg	
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)	
LC50 Inhalation - Rat	13.7 mg/l/4h (OECD 403 method)	
Skin corrosion/irritation : Based on available data, the classification criteria are not met		

Skiii coitosion/iititation	•	based on available data, the classification criteria are not met
Serious eye damage/irritation	:	Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Based on available data, the classification criteria are not met

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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 : Based on available data, the classification criteria are not met
STOT-repeated exposure : Based on available data, the classification criteria are not met
Aspiration hazard : Based on available data, the classification criteria are not met

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: None known

11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general

: Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term

Hazardous to the aquatic environment, long-term

: Based on available data, the classification criteria are not met

(acute)

: Harmful to aquatic life with long lasting effects.

(chronic)

4-Chloro-3,5-dimethylphenol (88-04-0)		
LC50 - Fish [1] ≈ 1.4 mg/l Oncorhynchus mykiss (Rainbow trout)		
EC50 72h - Algae [1]	3.8 – 3.8 mg/l Scenedesmus subspicatus	
Rosin (8050-09-7)		
LC50 - Fish [1]	5.4 mg/l Danio rerio (Zebrafish)	
Gum turpentine oil (8006-64-2)		
LC50 - Fish [1]	29 mg/l Danio rerio (Zebrafish)	
EC50 - Crustacea [1]	8.8 mg/l Daphnia magna (Water flea)	

12.2. Persistence and degradability

Absorbine® Hooflex® Original Liquid Conditioner		
Persistence and degradability Rapidly degradable		
4-Chloro-3,5-dimethylphenol (88-04-0)		
Persistence and degradability Inherently biodegradable.		
Rosin (8050-09-7)		
Persistence and degradability	Readily biodegradable.	
Gum turpentine oil (8006-64-2)		
Persistence and degradability	Readily biodegradable.	
Pinus palustris wood tar (8011-48-1)		
Persistence and degradability	Rapidly degradable	

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12.3. Bioaccumulative potential

Rosin (8050-09-7)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Rosin (8050-09-7), Gum turpentine oil (8006-64-2)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Rosin (8050-09-7), Gum turpentine oil (8006-64-2)

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: None known.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID		
14.1. UN number or ID number	14.1. UN number or ID number				
Not regulated for transport					
14.2. UN proper shipping name	e				
Not regulated Not regulated Not regulated Not regulated					
14.3. Transport hazard class(e	14.3. Transport hazard class(es)				
Not regulated Not regulated Not regulated Not regulated					
14.4. Packing group					
Not regulated	Not regulated	Not regulated	Not regulated		

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ADR	IMDG	IATA	RID
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description	
3(a)	Gum turpentine oil	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	
3(b)	Absorbine® Hooflex® Original Liquid Conditioner; Gum turpentine oil; Pinus palustris wood tar	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 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	
3(c)	Absorbine® Hooflex® Original Liquid Conditioner; Gum turpentine oil; Pinus palustris wood tar	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	
40.	Gum turpentine oil	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	

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REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

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

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

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	

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Abbreviations and acronyms:		
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 disruptor	

Full text of H- and EUH-statements:		
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Flam. Liq. 3	Flammable liquids, Category 3	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H304	May be fatal if swallowed and enters airways.	

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SAFETY DATA SHEET

SDS EU format according to COMMISSION REGULATION (EU) 2020/878

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Full text of H- and EUH-statements:		
H312	Harmful in contact with skin.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H332	Harmful if inhaled.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]		
Skin Sens. 1	H317	Calculation method
Aquatic Chronic 3	H412	Calculation method

Safety Data Sheet (SDS), EU

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