



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Wintersteiger Machine Cleaning Agent

Revision date: 23.08.2019

Product code: 4982303

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

1.1. Product identifier

Wintersteiger Machine Cleaning Agent

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

Use of the substance/mixture

Cleaning agent, Industrial uses, Professional uses.

Uses advised against

Do not use for private purposes (household).

1.3. Details of the supplier of the safety data sheet

Company name:	PINGO Erzeugnisse GmbH	
Street:	Dieselstraße 10	
Place:	D-85748 Garching/Germany	
Telephone:	+49 (0) 89 - 320 4004	Telefax: +49 (0) 89 - 320 6642
e-mail:	info@pingo.de	
Internet:	www.pingo-shop.de	

1.4. Emergency telephone number:

Giftnotruf Freiburg +49 (0) 761 192 40

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Aspiration hazard: Asp. Tox. 1

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Highly flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eye irritation.

May cause drowsiness or dizziness.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Propan-2-ol, Isopropyl alcohol

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

dipentene, limonene

Pin-2(3)-ene

Signal word: Danger

Pictograms:



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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.
H412	Harmful 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.
P243	Take action to prevent static discharges.
P261	Do not breathe aerosol.
P280	Wear protective gloves and eye/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378	In case of fire: Use extinguishing powder to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to an appropriate recycling or disposal facility.

Special labelling of certain mixtures

EUH066	Repeated exposure may cause skin dryness or cracking.
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2.3. Other hazards

Vapours can form explosive mixtures with air.
Special danger of slipping by leaking/spilling product.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	GHS Classification			
67-63-0	Propan-2-ol, Isopropyl alcohol			55 - < 60 %
	200-661-7	603-117-00-0	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			10 - < 12.5 %
	920-750-0		01-2119473851-33	
	Flam. Liq. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H336 H304 H411			
61792-11-8	3,7-Dimethyl-2,6-nonadienenitrile			< 0.1 %
	263-214-5			
	Aquatic Chronic 2; H411			

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



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Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % aliphatic hydrocarbons, perfumes (Citral, Limonene).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

After inhalation

Provide fresh air. If unconscious place in recovery position and seek medical advice. If breathing is irregular or stopped, administer artificial respiration. Medical treatment necessary.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Medical treatment necessary. Do not induce vomiting without medical advice.

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

Following inhalation: Irritation to respiratory tract, Cough.

Following skin contact: Irritating to skin.. Repeated exposure may cause skin dryness or cracking.

After eye contact: Eye irritation, pain, redness, swelling of tissue, blurred vision.

After ingestion: Headache, nausea, Daze, depression of central nervous system.

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

Carbon dioxide (CO₂), Foam, BC-powder.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapours can form explosive mixtures with air.

In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO₂).

Special danger of slipping by leaking/spilling product.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Fire class B (Fires of liquids or liquid turning substances).

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures



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Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Explosion risk.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe vapour/aerosol.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

Temperature class T2

Fire class B (Fires of liquids or liquid turning substances).

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaustion at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

7.3. Specific end use(s)

Cleaning agent, Industrial uses, Professional uses.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL



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DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
67-63-0	Propan-2-ol, Isopropyl alcohol			
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	500 mg/m ³
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m ³
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
Worker DNEL, long-term		inhalation	systemic	2035 mg/m ³
Worker DNEL, long-term		dermal	systemic	773 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	608 mg/m ³
Consumer DNEL, long-term		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, acute		dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	699 mg/kg bw/day

PNEC values

CAS No	Substance	Value
67-63-0	Propan-2-ol, Isopropyl alcohol	
Freshwater		140,9 mg/l
Freshwater (intermittent releases)		140,9 mg/l
Marine water		140,9 mg/l
Freshwater sediment		552 mg/kg
Marine sediment		552 mg/kg
Secondary poisoning		160 mg/kg
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/kg

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe vapour/aerosol.

Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Eye/face protection

Suitable eye protection: goggles.

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Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable material: NBR (Nitrile rubber), Thickness of the glove material: 0,35 mm, Breakthrough time (maximum wearing time): 480 min; Butyl caoutchouc (butyl rubber), Thickness of the glove material: 0,5 mm, Breakthrough time (maximum wearing time): 480 min.

Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	clear, green
Odour:	like: Isopropanol
pH-Value:	not applicable

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	82,4 °C
Flash point:	< 0 °C

Flammability

Solid:	not applicable
Gas:	not applicable

Explosive properties

The product is not: Explosive.

Lower explosion limits:	0,6 vol. %
Upper explosion limits:	12 vol. %
Ignition temperature:	275 °C

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable

Decomposition temperature: not determined

Oxidizing properties

Not oxidising.

Vapour pressure: (at 20 °C)	42 hPa
Vapour pressure: (at 50 °C)	120 hPa

Density: 0,83 g/cm³

Water solubility: The study does not need to be conducted because the substance is known to be insoluble in water.

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Solubility in other solvents

not determined

Partition coefficient:

not determined

Vapour density:

not determined

Evaporation rate:

not determined

9.2. Other information

Solid content:

not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

Highly flammable.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition productsNo known hazardous decomposition products.
Hazardous combustion products: See also section 5.**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	Propan-2-ol, Isopropyl alcohol				
	oral	LD50 > 2000 mg/kg	Rat	Information taken from reference works and the literature.	
	dermal	LD50 > 2000 mg/kg	Rabbit	Information taken from reference works and the literature.	
	inhalation (4 h) vapour	LC50 30 mg/l	Rat		
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics				
	oral	LD50 > 5840 mg/kg	Rat		OECD 401
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	according to Noakes & Sanderson
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD 403

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Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (Propan-2-ol, Isopropyl alcohol)

STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

Aspiration hazard

May be fatal if swallowed and enters airways.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP]. Special hazards arising from the substance or mixture!

SECTION 12: Ecological information**12.1. Toxicity**

Harmful to aquatic life with long lasting effects.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
67-63-0	Propan-2-ol, Isopropyl alcohol					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Leuciscus idus (golden orfe)	Information taken from reference works and the literature.	48h
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Scenedesmus subspicatus		
	Acute crustacea toxicity	EC50 13299 mg/l	48 h	Daphnia magna (Big water flea)	Information taken from reference works and the literature.	
	Acute bacteria toxicity	(> 1000 mg/l)		Activated sludge		
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics					
	Acute fish toxicity	LC50 3 - 10 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	US-EPA (2009)	OECD 203
	Acute algae toxicity	ErC50 12 mg/l	72 h	Pseudokirchneriella subcapitata	US-EPA (2009)	OECD 201
	Acute crustacea toxicity	EC50 7,4 mg/l	48 h	Daphnia magna (Big water flea)	US-EPA (2009)	OECD 202
	Fish toxicity	NOEC 0,574 mg/l	28 d	Oncorhynchus mykiss (Rainbow trout)	HSCS, Brussels, Belgium (2010)	Petrotox QSAR tool
	Algae toxicity	NOEC 6,3 mg/l	3 d	Pseudokirchneriella subcapitata		OECD 201
	Crustacea toxicity	NOEC 1 mg/l	21 d	Daphnia magna (Big water flea)	US-EPA (2009)	OECD 211
	Acute bacteria toxicity	(>10 - <=100 mg/l)				

12.2. Persistence and degradability

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The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	Propan-2-ol, Isopropyl alcohol			
	Biodegradation, Activated sludge	53 %	5	
	Readily biodegradable.			
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics			
	Biodegradation, OECD 301F/ ISO 9408/ EEC 92/69/V, C.4-D	98 %	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	Propan-2-ol, Isopropyl alcohol	0,05
64742-49-0	Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	4 - 5,7

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

Waste disposal number of used product

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

Waste disposal number of contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

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SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number:	UN 1219
14.2. UN proper shipping name:	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Classification code:	F1
Special Provisions:	601
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

Other applicable information (land transport)

box 12 bottles 1000 ml: Transport as "limited quantity" according to chapter 3.4 ADR/RID

Inland waterways transport (ADN)

14.1. UN number:	UN 1219
14.2. UN proper shipping name:	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Classification code:	F1
Special Provisions:	601
Limited quantity:	1 L
Excepted quantity:	E2

Marine transport (IMDG)

14.1. UN number:	UN 1219
14.2. UN proper shipping name:	ISOPROPANOL (ISOPROPYL ALCOHOL)
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Special Provisions:	-
Limited quantity:	1 L
Excepted quantity:	E2
EmS:	F-E, S-D

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Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	UN 1219
14.2. UN proper shipping name:	ISOPROPYL ALCOHOL
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3



Special Provisions:	A180
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Warning: Combustible liquid. Safe handling: see section 7

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

No information available.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3: Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics
Entry 40: Propan-2-ol, Isopropyl alcohol2010/75/EU (VOC): 69,6 % (577,9 g/l)
Information according to 2012/18/EU (SEVESO III): P5c FLAMMABLE LIQUIDS**Additional information**

Regulation (EC) No. 648/2004 (Detergents regulation).

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Water contaminating class (D): 2 - clearly water contaminating

15.2. Chemical safety assessmentFor the following substances of this mixture a chemical safety assessment has been carried out:
Propan-2-ol, Isopropyl alcohol**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s):

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1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16.

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

VOC: Volatile Organic Compounds

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

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H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)