

according to Regulation (EC) No 1907/2006

merisa 689 Craft Wipe

Revision date: 16.09.2021

Product code: 5.689.690

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

1.1. Product identifier

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

Use of the substance/mixture

Wet industrial cleaning wipe

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Company name:	Merisa AG	
	Cleaning Technologies	
Street:	Schulhausstrasse 4	
Place:	CH-6052 Hergiswil NW	
Telephone:	041 630 48 58	Telefax: 041 630 48 57
e-mail:	info@merisa.ch	
Contact person:	Iwan Meyer	Telephone: 041 630 48 58
e-mail:	iwan.meyer@merisa.ch	
Internet:	www.merisa.ch	
Responsible Department:	BU Chemicals	

1.4. Emergency telephone number:

Im Notfall +41 44 251 51 51 (Tel. 145) (Toxikologisches Zentrum)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

May cause an allergic skin reaction.

Harmful to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

orange terpene

Signal word: Warning

Pictograms:



Hazard statements

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

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

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

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64742-47-8	hydrocarbon			2.5 - < 5 %
	921-050-8			
	Asp. Tox. 1; H304 EUH066			
67-63-0	propan-2-ol			2.5 - < 5 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
68647-72-3	orange terpene			1 - < 2.5 %
	232-433-8		01-2119493353-35	
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410			
85711-69-9	secondary alkane sulphonate - sodium salt			1 - < 2.5 %
	288-330-3			
	Skin Irrit. 2, Eye Irrit. 2; H315 H319			

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

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

< 5 % aliphatic hydrocarbons, perfumes, < 5 % anionic surfactants, preservation agents (Phenoxyethanol).

SECTION 4: First aid measures
4.1. Description of first aid measures
General information

In all cases of doubt, or when symptoms persist, seek medical advice. If medical advice is needed, have product container or label at hand.

After inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

After contact with skin

Wash with plenty of water. Change contaminated clothing. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. If eye irritation persists: Get medical advice/attention.

After ingestion

Rinse mouth immediately and drink plenty of water. Call a doctor if you feel unwell.

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

No known symptoms to date. In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting measures
5.1. Extinguishing media

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.
Foam, Carbon dioxide (CO₂), Dry extinguishing powder, Water spray.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

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

Wear personal protection equipment.
Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, universal binding agents). After cleaning, flush away traces with water. Treat the recovered material as prescribed in the section on waste disposal.
Dispose according to legislation.

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

Avoid contact with skin and eyes.
Observe instructions for use.

Advice on protection against fire and explosion

The product is not: Combustible.
The product is not: Explosive.

Further information on handling

No special handling instructions are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.
Protect from direct sunlight. Store in a cool dry place.
Recommended storage temperature: at room temperature

Hints on joint storage

Do not store together with: Food and fodder

Further information on storage conditions

Minimum storage temperature: 5°C
Maximum storage temperature: 30°C

7.3. Specific end use(s)

Follow the instructions for use on the label.

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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

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
67-63-0	propan-2-ol			
	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	dermal	systemic	319 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	89 mg/m ³
	Consumer DNEL, long-term	oral	systemic	26 mg/kg bw/day
68647-72-3	orange terpene			
	Worker DNEL, long-term	inhalation	systemic	33.3 mg/m ³
	Consumer DNEL, long-term	oral	systemic	4.76 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	8.33 mg/m ³

PNEC values

CAS No	Substance	Environmental compartment	Value
67-63-0	propan-2-ol		
	Freshwater		140.9 mg/l
	Marine water		140.9 mg/l
	Freshwater sediment		552 mg/kg
	Marine sediment		552 mg/kg
	Micro-organisms in sewage treatment plants (STP)		2251 mg/l
	Soil		28 mg/kg
68647-72-3	orange terpene		
	Freshwater		0.0054 mg/l
	Marine water		0.00054 mg/l
	Freshwater sediment		1.32 mg/kg
	Marine sediment		0.13 mg/kg
	Soil		0.262 mg/kg

8.2. Exposure controls

Protective and hygiene measures

Keep eye rinsing device ready. Avoid contact with skin and eyes. Avoid breathing vapours/spray. Change contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Apply skin care products after work.

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Eye/face protection

Tightly sealed safety glasses. Eye-pieces out of plastic. DIN EN 166

Hand protection

Tested protective gloves must be worn (EN ISO 374).

Suitable material: NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Thickness of the glove material: $\geq 0,1$ mmBreakthrough time:: ≤ 480 min

Observe the wear time limits as specified by the manufacturer.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

Respiratory protection

Usually no personal respiratory protection necessary. Avoid breathing vapours/spray.

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

Physical state:	liquid
Colour:	colourless
Odour:	characteristic
pH-Value:	7.0 - 8.0

Changes in the physical state

Boiling point or initial boiling point and boiling range: No data available

Flash point: No data available

Density: 0.955 - 0.995 g/cm³

Water solubility: completely miscible

9.2. Other information

none

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

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Protect against: Frost, Heat.

Protect from sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

This article doesn't contain dangerous substances or preparations intended to be released under normal or reasonably foreseeable conditions of use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

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Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-47-8	hydrocarbon				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rat		
67-63-0	propan-2-ol				
	oral	LD50 5840 mg/kg			
	dermal	LD50 13900 mg/kg			
	inhalation (4 h) vapour	LC50 > 25 mg/l			
68647-72-3	orange terpene				
	oral	LD50 4400 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
85711-69-9	secondary alkane sulphonate - sodium salt				
	oral	LD50 > 2000 mg/kg	Ratte	OECD 401	

Irritation and corrosivity

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

Sensitising effects

May cause an allergic skin reaction. (orange terpene)

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Additional information on tests

Classification according to Regulation (EC) No 1272/2008 [CLP] Calculation method. The product has not been tested.

SECTION 12: Ecological information

12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64742-47-8	hydrocarbon					
	Acute fish toxicity	LC50	100 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	
	Acute algae toxicity	ErC50	100 mg/l	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50	100 mg/l	48 h	Daphnia magna	
67-63-0	propan-2-ol					
	Acute fish toxicity	LC50	9640 mg/l	96 h		
68647-72-3	orange terpene					
	Acute fish toxicity	LC50	0.688 mg/l	96 h		
	Acute algae toxicity	ErC50	8 mg/l			
	Acute crustacea toxicity	EC50	0.421 mg/l	48 h	Daphnia magna	
85711-69-9	secondary alkane sulphonate - sodium salt					
	Acute fish toxicity	LC50	1 - 5 mg/l	96 h	Zebrabärbling	Methode OECD 203
	Acute crustacea toxicity	EC50	> 1000 mg/l	48 h	Pseudomonas putida	DIN 38412 T.8

12.2. Persistence and degradability

The product has not been tested. The surfactant contained in this mixture complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	propan-2-ol			
	Biodegradation	> 70%	10	
	Easily biodegradable (concerning to the criteria of the OECD)			
85711-69-9	secondary alkane sulphonate - sodium salt			
	OECD 302 B	>90%	15	
	OECD 301 E	89	21	
	leicht abbaubar			
	OECD 301 B	78	28	
	Die Angaben beziehen sich auf den Hauptbestandteil			

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	0.05

BCF

CAS No	Chemical name	BCF	Species	Source
68647-72-3	orange terpene	361 L/kg		

12.4. Mobility in soil

If product enters soil, it will be mobile and may contaminate groundwater.

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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

There are no data available on the mixture itself.

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP] Calculation method. The product has not been tested.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Dispose of waste according to applicable legislation.
Delivery to an approved waste disposal company.

List of Wastes Code - used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing hazardous substances; hazardous waste

Contaminated packaging

Completely emptied packages and rinsed out with plenty of water can be disposed of as refuse. Handle contaminated packages in the same way as the substance itself.

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

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

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ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

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

No dangerous good in sense of this transport regulation.

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

Additional information

The following substances may cause allergic reactions: perfumes

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

Additional information

Water hazard class (CH): Class B (Self-classification)

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information
Changes

This data sheet contains changes from the previous version in section(s): 1,2,9,14,15.

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very 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

For industrial purposes only. Follow the instructions for use on the label. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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