

	Kisling - 2900		
Revision date: 11.04.2024	Product code: 2900	Page 1	l of 12
SECTION 1: Identification of the s	ubstance/mixture and of the compa	ny/undertaking	
<u>1.1. Product identifier</u> Kisling - 2900			
UFI:	J018-Y0EG-400K-45U2		
1.2. Relevant identified uses of the su	<u>bstance or mixture and uses advised a</u>	<u>gainst</u>	
Uses advised against No data available			
1.3. Details of the supplier of the safe	ty data sheet		
Manufacturer			
Company name:	Kisling AG		
Street:	Motorenstrasse 102		
Place:	CH-8620 Wetzikon		
Telephone:	+41 58 272 0 272		
E-mail:	customerservice@kisling.com		
Internet:	www.kisling.com		
Supplier			
Company name:	Kisling (Deutschland) GmbH		
Street:	Salzstraße 15		
Place:	D-74676 Niedernhall		
Telephone:	+49 7940 50961 61		
E-mail:	customerservice@kisling.com		
Contact person:	Dr. Hans Götz	Telephone: +49 7940 5096 143	
E-mail:	compliance@kisling.com		
Internet:	www.kisling.com		
1.4. Emergency telephone number:	24 hr. emergency phone number +1 872 Medicines & Poisons Info Office +356 2		
SECTION 2: Hazards identification	L		

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling propan-2-ol; isopropyl alcohol; isopropanol

Signal word:

Pictograms:





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Hazard statements

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.
Precautionary statemer	nts
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves and eye/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.

Labelling of packages where the contents do not exceed 125 ml

Signal word: Pictograms:



Hazard statements

H412

2.3. Other hazards

Pressurised container: May burst if heated.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name				
	EC No	Index No	REACH No		
	Classification (Regulation (EC) No	o 1272/2008)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	200-661-7	603-117-00-0			
	Flam. Liq. 2, Eye Irrit. 2, STOT SE	3; H225 H319 H336			
68084-48-0	Copper(2+) neodecanoate			1 - < 5 %	
	268-439-2		01-2120784744-41		
	Acute Tox. 4, Aquatic Acute 1, Ac	uatic Chronic 1; H302 H400 H410			

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

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity	
	Specific Conc	Limits, M-factors and ATE		
67-63-0	200-661-7 propan-2-ol; isopropyl alcohol; isopropanol			
	inhalation: LC mg/kg	50 = 30 mg/l (vapours); dermal: LD50 = 13900 mg/kg; oral: LD50 = 4570-5840		
68084-48-0	268-439-2	Copper(2+) neodecanoate	1 - < 5 %	
		2066 mg/kg Aquatic Acute 1; H400: M=10 ic 1; H410: M=1		



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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off immediately all contaminated clothing.

After inhalation

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

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of of water. Get immediate medical advice/attention.

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

No further relevant information available.

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

Treat symptomatically. No further relevant information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2), Dry extinguishing powder,, alcohol resistant foam, Water spray.

Unsuitable extinguishing media

Full water jet.

5.3. Advice for firefighters

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

Additional information

Use water spray jet to protect personnel and to cool endangered containers. 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

General advice

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up

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

Other information

Absorb with liquid-binding material (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



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Personal protection equipment: see section 8 Disposal: see section 13 See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking. Flammable vapours can accumulate in head space of closed systems. Caution! Transport usually takes place at temperatures above the flash point.

Advice on protection against fire and explosion

Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately.

Further information on handling

Keep only in the original container in a cool, well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Hints on joint storage

Do not store together with: Material, oxygen-rich, Oxidising. Pyrophoric or self-heating substances.

Further information on storage conditions

Keep away from heat.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Name of agent						
DNEL type		Exposure route	Effect	Value			
67-63-0	3-0 propan-2-ol; isopropyl alcohol; isopropanol						
Worker DNEL,	long-term	inhalation	systemic	500 mg/m³			
Worker DNEL,	long-term	dermal	systemic	888 mg/kg bw/day			
Consumer DNE	EL, long-term	inhalation	systemic	89 mg/m³			
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day			
Consumer DNE	EL, long-term	oral	systemic	26 mg/kg bw/day			



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PNEC values

CAS No	Name of agent	
Environmenta	al compartment	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Freshwater		140,9 mg/l
Freshwater (i	ntermittent releases)	140,9 mg/l
Marine water		140,9 mg/l
Freshwater se	ediment	552 mg/kg
Marine sedim	ent	552 mg/kg
Secondary poisoning		160 mg/kg
Micro-organisms in sewage treatment plants (STP)		2251 mg/l
Soil		28 mg/kg
68084-48-0	Copper(2+) neodecanoate	
Freshwater		0.04875 mg/l
Marine water		0.0325 mg/l
Freshwater se	ediment	543.75 mg/kg
Marine sediment		4225 mg/kg
Secondary po	bisoning	20 mg/kg
Micro-organis	ms in sewage treatment plants (STP)	1.44 mg/l
Soil		406.25 mg/kg

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection.

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. Tested protective gloves must be worn.

Suitable material: CR (polychloroprene, chloroprene rubber) NR (natural rubber, Natural latex) Butyl caoutchouc (butyl rubber)

Thickness of the glove material > 0,45mm

= 480 min. EN ISO 374

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.

Skin protection

Use of protective clothing. Wear suitable protective clothing. The type of personal protection equipment has to be chosen based on the concentration and amount of the dangerous substance at the workplace.

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:	blue green



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Odour:	Alcohols		
Odour threshold:	No data available		
Melting point/freezing point:		No data available	
Boiling point or initial boiling point and		82,5 °C	
boiling range:			
Flammability:		No data available	
Lower explosion limits:		2 vol. %	
Upper explosion limits:		13 vol. %	
Flash point:		11,7 °C	
Auto-ignition temperature:		455,6 °C	
Decomposition temperature:		No data available	
pH-Value (at 20 °C):		7	
Viscosity / kinematic:		not applicable	
Water solubility:	c	completely miscible	
Solubility in other solvents			
not determined			
Partition coefficient n-octanol/water:		No data available	
Vapour pressure:		No data available	
Density (at 20 °C):		0,8 g/cm³	
Relative vapour density:		not determined	
9.2. Other information			
Information with regard to physical h	azard classes		
Explosive properties			
No data available			
Oxidizing properties			
No data available			
Other safety characteristics			
Evaporation rate:		not determined	
1			

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

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

Avoid dust formation.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Carbon dioxide (CO2) Carbon monoxide

SECTION 11: Toxicological information

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

Toxicocinetics, metabolism and distribution

No data available



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Acute toxicity

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

ATEmix calculated

ATE (oral) 36232 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation

dust/mist) > 5 mg/l

CAS No	Chemical name									
	Exposure route	Dose		Species	Source	Method				
67-63-0	propan-2-ol; isopropyl al	propan-2-ol; isopropyl alcohol; isopropanol								
	oral	LD50 5840 mg/kg	4570- g	Rat	Pre-supplier/manufac turer	OECD 401				
	dermal	LD50 mg/kg	13900	Rabbit	Pre-supplier/manufac turer	OECD 402				
	inhalation (4 h) vapour	LC50	30 mg/l	Rat	Pre-supplier/manufac turer					
68084-48-0	Copper(2+) neodecanoa	Copper(2+) neodecanoate								
	oral	LD50 mg/kg	2066	Rat	Study report (1977)	OECD Guideline 401				

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

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; isopropanol)

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.

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

May be harmful if swallowed, in contact with skin or if inhaled.

11.2. Information on other hazards

Other information

No information available.

Further information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects. No further relevant information available.



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CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alc	ohol; isopro	panol				
	Acute fish toxicity	LC50 mg/l	10000	96 h	Pimephales promelas	Publication (1983)	OECD Guideline 203
68084-48-0	Copper(2+) neodecanoat	e					
	Acute fish toxicity	LC50 mg/l	0.193	96 h	Pimephales promelas	Study report (1996)	measurements were conducted by standard
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Raphidocelis subcapitata	Study report (1998)	OECD Guideline 201
	Acute crustacea toxicity	EL50 mg/l	> 1000	48 h	Daphnia magna	Study report (1998)	OECD Guideline 202
	Fish toxicity	NOEC mg/l	> 2.22	14 d	Oncorhynchus mykiss	Study report (2010)	other: OECD 305
	Algae toxicity	NOEC mg/l	0.011	14 d	other algae: Marine macroalgae Fucus vesiculosis	Study report (2006)	The study investigates the effects of di
	Crustacea toxicity	NOEC mg/l	4.78	7 d		Study report (1994)	EPA OTS 797.1330

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

BCF

CAS No	Chemical name	BCF	Species	Source
68084-48-0	Copper(2+) neodecanoate	< 225	Oncorhynchus mykiss	Study report (2009)

12.4. Mobility in soil

No further relevant information available.

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. not applicable

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No data available

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods



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Disposal recommendations

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

List of Wastes Code - residues/unused products

WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - used product

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

080409 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances; hazardous waste

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)	
14.1. UN number or ID 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
Inland waterways transport (ADN)	
14.1. UN number or ID 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



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Classification code:	F1				
Special Provisions:	601				
Limited quantity:	1 L				
Excepted quantity:	E2				
Marine transport (IMDG)					
14.1. UN number or ID number:	UN 1219				
14.2. UN proper shipping name:	ISOPROPANOL (ISOPROPYL ALCOHOL)				
14.3. Transport hazard class(es):	3 II				
<u>14.4. Packing group:</u> Hazard label:	3				
Special Provisions:	-				
Limited quantity:	1L				
Excepted quantity:	E2				
EmS:	F-E, S-D				
Air transport (ICAO-TI/IATA-DGR)					
14.1. UN number or ID number:	UN 1219 ISOPROPANOL				
<u>14.2. UN proper shipping name:</u> 14.3. Transport hazard class(es):	3				
<u>14.4. Packing group:</u>	II				
Hazard label:	3				
Special Provisions:	A180				
Limited quantity Passenger:	1L				
Passenger LQ:	Y341				
Excepted quantity: IATA-packing instructions - Passenger:	E2 353				
IATA-packing instructions - Passenger:	500 5 L				
IATA-packing instructions - Cargo:	364				
IATA-max. quantity - Cargo:	60 L				
14.5. Environmental hazards					
ENVIRONMENTALLY HAZARDOUS:	Νο				
<u>14.6. Special precautions for user</u>					
not applicable					
14.7. Maritime transport in bulk according t	o IMO instruments				
in delivery state not applicable					
SECTION 15: Regulatory information					
15.1. Safety, health and environmental requ	lations/legislation specific for the substance or mixture				
EU regulatory information					
Restrictions on use (REACH, annex XVII)					
Entry 3, Entry 40, Entry 75					
Information according to 2012/19/EU					

Information according to 2012/18/EU P5c FLAMMABLE LIQUIDS

(SEVESO III):



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National regulatory information						
Employment restrictions:	Observe restrictions to employment for juveniles according to work protection guideline' (94/33/EC).	o the 'juvenile				
Water hazard class (D):	2 - obviously hazardous to water					
15.2. Chemical safety assessment						
	bstances in this mixture were not carried out.					
SECTION 16: Other information						
Abbreviations and acronyms						
CLP: Classification, labelling and Pa	ckaging					
REACH: Registration, Evaluation and						
-	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 Concentr	ration					
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%,						
NOEC: No Observed Effect Concent	ration					
BCF: Bio-concentration factor						
PBT: persistent, bioaccumulative, to						
vPvB: very persistent, very bioaccum						
	ort des marchandises dangereuses par Route					
	e International Carriage of Dangerous Goods by Road)					
	rnational carriage of dangerous goods by rail					
	ing the International Carriage of Dangerous Goods by Inland Wat	•				
	t international des marchandises dangereuses par voies de navig	ation				
intérieures)						
IMDG: International Maritime Code for	or Dangerous Goods					
EmS: Emergency Schedules						
MFAG: Medical First Aid Guide						
IATA: International Air Transport Ass	ociation					
ICAO: International Civil Aviation Org	Janization					
MARPOL: International Convention f	or the Prevention of Marine Pollution from Ships					
IBC: Intermediate Bulk Container						
VOC: Volatile Organic Compounds						
SVHC: Substance of Very High Cond	cern					
	e: ECHA Guidance on information requirements and chemical saf	iety				
assessment, chapter R.20 (Table of						
Flam. Liq: Flammable liquid	/					
Acute Tox: Acute toxicity						
Eye Irrit: Eye irritation						
STOT SE: Specific target organ toxic	sity - single exposure					
Aquatic Acute: Acute aquatic hazard						
Aquatic Acute. Acute aquatic hazard						
Aqualic Ontonic. Ontonic aqualic haz	-aiu					



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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
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.
H302	Harmful if swallowed.
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.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance 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 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.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Adhesives and sealants	PW, C	6a, 6b, 12, 18, 19	1	11, 19	4, 8a, 8c, 8d	4e, 4g, 5c, 6g, 7c, 7g, 8, 10, 11, 13	110	K+D
LCS: Life cycle stages SU: Sectors of use PC: Product categories PROC: Process categories ERC: Environmental release categories AC: Article categories									

TF: Technical functions

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