

Safety Data Sheet

according to Regulation (EC) No 1907/2006

CONLOC UV 953

Revision date: 03.05.2023

Product code: 790953641

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

CONLOC UV 953

Product group: Adhesives

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

Activator for UV adhesive

Uses advised against

This information is not available.

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG	
Street:	Kaltenbrunn 27	
Place:	D-82467 Garmisch-Partenkirchen	
Telephone:	+49 (0)8821 956 90	Telefax: +49 (0)8821 956 990
e-mail:	info@ego.de	
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960
e-mail:	EGO-Labor@ego.de	
Internet:	www.ego.de	

1.4. Emergency telephone number:

+49 55119240 (24h/7d)
GIZ-Nord, Göttingen
Member of EPECs network

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

Flam. Liq. 2; H225
Eye Irrit. 2; H319
Skin Sens. 1; H317
STOT SE 3; H336
STOT RE 2; H373
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

The product is classified and labeled according to Regulation (EC) No 1272/2008.

2.2. Label elements**Regulation (EC) No 1272/2008****Hazard components for labelling**

propan-2-ol; isopropyl alcohol; isopropanol
Butyraldehyde / Aniline reaction product
aniline

Signal word: Danger

Pictograms:

**Hazard statements**

H225 Highly flammable liquid and vapour.

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H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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

None known.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture of substances listed below with nonhazardous additions.

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			>50 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
68411-20-1	Butyraldehyde / Aniline reaction product			10-25 %
	Skin Sens. 1, Aquatic Chronic 2; H317 H411			
62-53-3	aniline			<1 %
	200-539-3		01-2119451454-41	
	Carc. 2, Muta. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, Eye Dam. 1, Skin Sens. 1, STOT RE 1, Aquatic Acute 1; H351 H341 H331 H311 H301 H318 H317 H372 H400			

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	>50 %
		inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg	
68411-20-1		Butyraldehyde / Aniline reaction product	10-25 %
		oral: LD50 = 3850 mg/kg	
62-53-3	200-539-3	aniline	<1 %
		inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 300 mg/kg; oral: ATE = 100 mg/kg STOT RE 1; H372: >= 1 - 100 STOT RE 2; H373: >= 0,2 - < 1	

Further Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

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

Handle in accordance with good industrial hygiene and safety practice. Take off all contaminated clothing immediately. First aider needs to protect himself. Show this safety data sheet to the doctor in attendance.

After inhalation

Remove the affected person from the danger zone. Provide fresh air. Consult physician if problems persist. If unconscious place in recovery position and seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Call a physician if irritation develops or persists.

After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult physician if problems persist.

After ingestion

Immediately get medical attention. Show this safety data sheet to the doctor in attendance. Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). Do not induce vomiting.

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

This information is not available.

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

If swallowed with subsequent vomiting, aspiration into the lungs may occur, resulting in chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing powder. Carbon dioxide (CO₂). Alcohol-resistant foam

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

5.3. Advice for firefighters

Keep away from unprotected people. Keep upwind.

In the event of fire and/or explosion do not breathe fumes.

Wear self contained breathing apparatus for fire fighting if necessary. Wear full protective suit.

Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Wear respiratory protection when in the presence of vapour, dust, and aerosols.

Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Avoid contact with skin, eye and clothing. Remove all sources of ignition.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

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For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

Prevent allover extension (e.g. knocking-down or a boom). Do not empty into drains or the aquatic environment.

Do not allow material to contaminate ground water system.

If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up**For containment**

Cover the sewers.

For cleaning up

Small amounts: Wipe up with absorbent material (e.g. cloth, fleece).

Substantial quantities: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the assimilated material according to the section on waste disposal.

Other information

Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections: 7, 8, 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Keep away from heat and sources of ignition. Avoid the formation of aerosol. Avoid shock, friction and electrostatic charge.

Keep away from direct sunlight.

Avoid prolonged or repeated breathing of vapour.

If suction of the immediate vicinity is impossible or insufficient, adequate airing of the working place must be ensured.

Advice on protection against fire and explosion

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

Keep away from combustible material. Avoid shock and friction.

Advice on general occupational hygiene

When using, do not eat, drink or smoke. Keep away from food, drink and animal feedingstuffs. Avoid contact with skin, eye and clothing. Take off immediately all contaminated clothing Wash hands when done working with material; at breaks, lunch, shift changes, etc. Do not breathe gas/fumes/vapour/spray.

Further information on handling

When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

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

Keep container tightly closed.

Hints on joint storage

Do not store together with strong oxidizing agents.

Do not store together with food.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect against light.

7.3. Specific end use(s)

Activator for UV adhesive

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SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m ³	fib/cm ³	Category	Origin
62-53-3	Aniline	2	7.74		TWA (8 h)	EU
		5	19.35		STEL (15 min)	EU

DNEL/DMEL values

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

8.2. Exposure controls**Individual protection measures, such as personal protective equipment****Eye/face protection**

Tightly sealed safety glasses.

Hand protectionProtective gloves: Glove material Nitrile rubber ($\geq 0,4$ mm) Break through time > 8h.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection

Chemical work clothes. Flame retardant and antistatic protective clothing

Respiratory protection

No special requirements under normal conditions and in case of sufficient ventilation.

In case of insufficient ventilation wear suitable respiratory equipment. (gas filter type A)

Thermal hazards

Do not heat the product.

Under fire conditions: Flame-resistant clothing

Low temperature resistant gloves: not required

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

Physical state:	liquid	
Colour:	amber coloured	
Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		82 °C

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Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	13 °C
Auto-ignition temperature:	not determined
Viscosity / kinematic:	not determined
Water solubility:	not determined
Solubility in other solvents	not determined
Partition coefficient n-octanol/water:	not determined
Vapour pressure: (at 20 °C)	43 hPa
Vapour pressure: (at 50 °C)	229 hPa
Density (at 20 °C):	approx. 0,8 g/cm ³
Particle characteristics:	not applicable

9.2. Other information**Other safety characteristics**

Evaporation rate:	not determined
Viscosity / dynamic:	not determined

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

No dangerous reactions with correct storage and handling.

10.2. Chemical stability

Stable at normal ambient temperature and pressure.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

No dangerous reactions known.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

irritating gases / vapors, Toxic gases / vapors

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

No data is available on the product itself.



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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 mg/kg	5050	rat	
	dermal	LD50 mg/kg	12800	rabbit	
	inhalation (4 h) vapour	LC50	30 mg/l	rat	
68411-20-1	Butyraldehyde / Aniline reaction product				
	oral	LD50 mg/kg	3850	rat	
62-53-3	aniline				
	oral	ATE mg/kg	100		
	dermal	ATE mg/kg	300		
	inhalation vapour	ATE	3 mg/l		
	inhalation dust/mist	ATE	0,5 mg/l		

Irritation and corrosivity

Causes serious eye irritation.

Sensitising effects

May cause sensitisation by skin contact.

Carcinogenic/mutagenic/toxic effects for reproduction

This information is not available.

STOT-single exposure

not defined

STOT-repeated exposure

not defined

Aspiration hazard

Inhalation may cause respiratory irritation.

Information on likely routes of exposure

Skin contact, Inhalation

Specific effects in experiment on an animal

This information is not available.

Additional information on tests

Toxicological data are not available.

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

Do not allow uncontrolled leakage of product into the environment.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
68411-20-1	Butyraldehyde / Aniline reaction product					
	Acute fish toxicity	LC50 mg/l	48,5	96 h		OECD Test Guideline 203
62-53-3	aniline					
	Acute algae toxicity	ErC50	175 mg/l	72 h	Chlorella pyrenoidosa	GESTIS

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12.2. Persistence and degradability

not defined

12.3. Bioaccumulative potential

not defined

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
62-53-3	aniline	0,9

12.4. Mobility in soil

not defined

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. 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

not defined

Further information

Avoid emission into the atmosphere. The product should not be allowed to enter drains, water courses or the soil.

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

Dispose of waste according to applicable local, state, and federal regulations.

List of Wastes Code - residues/unused products

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

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Dispose of waste according to applicable local, state, and federal regulations.

SECTION 14: Transport information**Land transport (ADR/RID)****14.1. UN number or ID number:**

UN 1993

14.2. UN proper shipping name:

FLAMMABLE LIQUID, N.O.S. (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: 274 601 640D
Limited quantity: 1 L
Excepted quantity: E2
Transport category: 2
Hazard No: 33
Tunnel restriction code: D/E

Marine transport (IMDG)

14.1. UN number or ID number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Marine pollutant: yes
Special Provisions: 274
Limited quantity: 1 L
Excepted quantity: E2
EmS: F-E, S-E

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1993
14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (Isopropyl alcohol)
14.3. Transport hazard class(es): 3
14.4. Packing group: II
Hazard label: 3



Special Provisions: A3
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

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, Entry 40, Entry 75

2004/42/EC (VOC): 75,0 %

National regulatory information

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

15.2. Chemical safety assessment

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

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SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,6,7,8,9,11,12,16.

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

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
Skin Sens. 1; H317	Calculation method
STOT SE 3; H336	Calculation method
STOT RE 2; H373	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H317 May cause an allergic skin reaction.

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H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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