



Safety Data Sheet

according to Regulation (EC) No 1907/2006

Conloc Aktivator 953

Print date: 29.03.2016

Product code: 790953641

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

1.1. Product identifier

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Product group: Klebstoffe

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: Lilienthalstraße 7
Place: GB-82205 Gilching
Telephone: 08105-217-0 Telefax: 08105-217-33
e-mail: Forster-Hummel@ego.de P.Goldmann@ego.de
Contact person: Eva Forster-Hummel; Telephone: - 28; -27
Petra Goldmann
Internet: <http://www.ego.de>
Responsible Department: Labor

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

Hazard categories:

Flammable liquid: Flam. Liq. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazardous to the aquatic environment: Aquatic Chronic 3

Hazard Statements:

Highly flammable liquid and vapour.

May cause an allergic skin reaction.

Causes serious eye irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

The classification was undertaken in accordance with the method of calculation governed by the preparation regulations (1999/45/EC). The classification corresponds to the current EC listing, but is enhanced by specialised literature data and the Company's own information.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

propan-2-ol; isopropyl alcohol; isopropanol

Butyraldehyde / Aniline reaction product

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Signal word: Danger

Pictograms:



Hazard statements

H225	Highly flammable liquid and vapour.
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.
P233	Keep container tightly closed.
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.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501	Dispose of contents/container in accordance with local regulation.

2.3. Other hazards

Product has narcotic effect.

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 according to Regulation (EC) No. 1272/2008 [CLP]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			50-100 %
	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, STOT RE 2, Aquatic Chronic 2; H317 H373 H411			

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

Further Information

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

SECTION 4: First aid measures

4.1. Description of first aid measures



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General information

Handle in accordance with good industrial hygiene and safety practice.
Take off all contaminated clothing immediately.

After inhalation

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.

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

This information is not available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing powder. Carbon dioxide (CO₂). Sand.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Heating or fire can release toxic gas.

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear personal protection equipment. Keep away from unprotected people.
Keep upwind.

6.2. Environmental precautions

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Keep in suitable, closed containers for disposal. Treat recovered material as described in the section "Disposal considerations".
Provide adequate ventilation.

6.4. Reference to other sections

Reference to other sections: 7, 8, 13

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

Keep away from heat and sources of ignition.

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. Avoid the formation of aerosol.

Advice on protection against fire and explosion

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

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.

Advice on storage compatibility

Do not store together with oxidizing and self-igniting products.

Further information on storage conditions

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

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; 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**Protective and hygiene measures**

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.

Eye/face protection

Tightly sealed safety glasses.



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Hand protection

Protective gloves: Glove material Nitrile rubber (0,35 mm), butyl-rubber (0,5 mm) Break through time \geq 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.

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)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	amber coloured
Odour:	characteristic

Test method

Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	82 °C
Flash point:	13 °C

Explosive properties

The product is: not Explosive. Vapours may form explosive mixtures with air.

Lower explosion limits:	2,0 vol. %
Upper explosion limits:	12,0 vol. %
Ignition temperature:	425 °C
Vapour pressure: (at 20 °C)	43 hPa
Density:	approx. 0,8 g/cm ³
Water solubility:	not miscible
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Evaporation rate:	not determined
Solvent content:	76 %

9.2. Other information

The product is: not auto-flammable

SECTION 10: Stability and reactivity

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 decomposition if used as directed.

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10.5. Incompatible materials

Oxidizing agents, Amines, Strong acids.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. nitrogen oxides (NOx).

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	oral	LD50	5050 mg/kg	rat	
		dermal	LD50	12800 mg/kg	rabbit	
		inhalative (4 h) vapour	LC50	30 mg/l	rat	
68411-20-1	Butyraldehyde / Aniline reaction product	oral	LD50	3850 mg/kg	rat	

Irritation and corrosivity

Irritating to eyes.

Sensitising effects

May cause sensitisation by skin contact.

Severe effects after repeated or prolonged exposure

Danger of serious damage to health by prolonged exposure.

Carcinogenic/mutagenic/toxic effects for reproduction

This information is not available.

Aspiration hazard

This information is not available.

Specific effects in experiment on an animal

This information is not available.

Practical experience**Observations relevant to classification**

This information is 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	Method	Dose	[h] [d]	Species	Source
68411-20-1	Butyraldehyde / Aniline reaction product	Acute fish toxicity	LC50	48,5 mg/l	96 h		OECD Test Guideline 203

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

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12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

not applicable

12.6. Other adverse effects

Harmful to fish.

Harmful to aquatic organisms.

Further information

slightly water endangering

Do not empty into drains or the aquatic environment.

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

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

Waste disposal number of waste from 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
Classified as 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:	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



Classification code:	F1
Special Provisions:	274 601 640D
Limited quantity:	1 L
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

Other applicable information (land transport)

E2

Marine transport (IMDG)

14.1. UN 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

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Hazard label: 3



Marine pollutant: no
Special Provisions: 274
Limited quantity: 1 L
EmS: F-E, S-E

Other applicable information (marine transport)

E2

Air transport (ICAO)

14.1. UN 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
IATA-packing instructions - Passenger: 353
IATA-max. quantity - Passenger: 5 L
IATA-packing instructions - Cargo: 364
IATA-max. quantity - Cargo: 60 L

Other applicable information (air transport)

E2
Y341

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC): 76,0 %

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

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): 2,6,7,11,16.

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H317 May cause an allergic skin reaction.

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H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
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.)