



Date of establishment: Safety data sheet/ EG-Sicherheitsdatenblatt
20/02/02
Revision date:

Product/ Product group: **Conloc activator 953**

1.1 Substance/Preparation and Company Name

1.2 Information on the product

1.3 Information on manufacturer/Supplier

Supplier: **Tiffany Glaskunst GmbH**
Street: **Helleforthstr. 18-20**
UIP Code/town: **D-33758 Schloß Holte Stukenbrock**
Tel.: **+49 5207 91280**
Fax.: **+49 5207 912840**
e-mail: **tgk@tgk.de**
Internet: **http://www.tgk.de**

Telephone number in emergency cases: 05207-9128-0

2. Composition/Information on Ingredients :

Chemical characteristics:

Activator solution.

Dangerous ingredients:

CAS-No.:	Designation according to EC guideline	Content	Symbol	R-phrases
67-63-0	2-Propanol	> 50%	F; Xi	11 – 36 – 67
	Condensation product Butyraldedehyde/ Aniline	10-25%	Xi	36

3. Possible hazards:

Hazard designation:

F – easily inflammable
Xi – irritating

R-phrases:

11 – easily inflammable
36 – irritates the eyes

S-phrases:

2 - keep out of reach of children
7/9- store container firmly locked at well-ventilated place
16 - keep away from sources of ignition, do not smoke
26 – in case of contact with eyes, rinse immediately with water and seek medical attention.
51- use only in well-ventilated places

Information pertaining to particular dangers for men and environment:

s. above.

4. First Aid Measures:

Inhalation:

Fresh air. In case of discomfort, seek medical attention.

Eye contact:

Wash eyes with opened palpebral fissure for several minutes under running water.

Skin contact:

Wash immediately with water and soap and rinse thoroughly.

Ingestion:

Low toxicity. Seek medical attention.

Information for doctor:

No data available.

5. Fire fighting measures:

Appropriate extinguishing media:

CO₂, extinguishing powder, foam or water spray.

Unadequate extinguishing media for safety reasons:

Water jet.

Special hazards caused by the material, its combustion products or flue gases:

Toxic fumes (oxides of carbon and nitrogen) can be generated in case of overheating or combustion.

Special protection equipment for fire fighting:

No special measures necessary.

6. Accidental release measures:

Personal precaution measures:

Keep away from sources of ignition. Provide for sufficient ventilation.

Environmental protection measures:

Do not let pass into canalisation, waters or soil.

Measures for cleaning up/collecting;

Take up with liquid-binding material (sand, kieselguhr).

Additional information:

Dispose of contaminated material according to section 13. Provide for sufficient ventilation.

7. Handling and storage:

Handling:

Information for secure handling:

Avoid inhalation of fumes. Provide for good ventilation at working place. Avoid formation of aerosol. Respiratory protection is not necessary in case of normal use. Keep away from sources of ignition, do not smoke. Undertake measures against electrostatic charging.

Information on protection against fire and explosion:

s. above.

Storage:

Requirements for storage rooms and containers:

Store container locked at cool and dry place. Store under nitrogen, because product slowly oxidises at the air and loses its efficiency.

Class according to regulation on inflammable liquids:

A I

Information on storage together with other substances:

See above.

8. Exposure controls and personal protection:

Personal protective and hygiene measures:

Do not eat, drink or smoke at work. Keep away from food.

Breathing equipment:

Not necessary in case of short-term or low exposure.

Protection of hands:

PE protection gloves

Eye protection:

Protection goggles in case of transferring liquid is recommendable. Do not wear any contact lenses.

Limit values on working place that have to be controlled:

CAS-No.	Designation of substance		Value	Unity
67-63-0	2-Propanol	Max. concentration on working place	980 400	mg/m ³ ml/m ³

9. Physical and chemical properties:

- **Form:** liquid
- **Colour:** amber to brown
- **Odour:** mild
- **Boiling point/Boiling range (in °C):** 83° C
- **Melting/Melting range (in °C):** no data available.
- **Flash point:** 13° C
- **Solubility in water:** miscible
- **Explosion limit:**
- **Upper limit:** 12 Vol. %
- **Lower Limit:** 2 Vol. %
- **Density (at 20°C):** 0,82 g/cm³
- **Steam pressure (at 20 °C):** 48 mbar
- **Viscosity dynamic (at 25 °C):** ca. 7 mPas

Additional information:

Portion of dissolvants:

Organic dissolvants: ca. 83%

10. Stability and reactivity:

Conditions to avoid/thermic decomposition:

No decomposition in case of appropriate use.

Products to avoid:

No datas available.

Dangerous decomposition products:

In case of reaction with peroxides, amines, UV-light etc. with greater product quantities, uncontrolled exothermic reaction can be effected and dangerous decomposition products can be generated.

Additional information:

Product efficiency can decrease in case of long contact with oxygen. Therefore, always close containers.

11. Toxicological information:

Acute toxicity:

Low.

Skin:

No irritation.

Eyes:

Irritation.

Sensitization:

No sensitizing effect known.

Additional toxicological information + practical experiences:

As above.

12. Ecological information:

Do not let pass into groundwater, waters or canalisation.

Water hazard class:

1 (self-assessment of manufacturer)
weak water hazard.

13. Disposal considerations:

For the material/residues

Recommendation:

May not be disposed of together with household garbage.

EAK-Code No.

080406 – „Glues and sealing materials that contain no halogenised dissolvants“

For contaminated packing:

Remove all residues and dispose of according to official regulations.

14. Transport information:

Dangerous good according to transport regulations: Yes:

EXCEPTION:

LIMITED QUANTITIES:

WITHIN THESE LIMITS THE GOOD IS NOT CLASSIFIED AS DANGEROUS GOOD:

UPPER LIMIT: 12 Ltr
LOWER LIMIT: 3 Ltr.

Road transport:

ADR/RID/GGVS/GGVE-Klasse: 3
Ziffer/Buchstabe: 3b
Caution label:
Caution sheet: 3
UN-No. 1219
Designation of the good: Inflammable liquid; mixture contains
isopropanol (Isopropylalcohol).
Notes: Kemler-no.: 33

Inland ship transport

ADN/ADNR-class:
Number/Letter:
Category:
Designation of the good:
Notes: no data available

Sea transport

IMDG/GGVSea-class: 3.2
UN-No. : 1219
PG: II
EmS: 3-06
MFAG: 305
Marine pollutant: no
Proper shipping name: flammable liquid, n.o.s., isopropanol
(isopropyl alcohol).
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Air transport:

ICAO/IATA-class: 3
UN/ID-No.: 1219
PG: II
Proper shipping name: flammable liquid n.o.s., isopropanol
(isopropyl alcohol).
Notes: no additional datas available

15. Regulatory information:

Code letter and hazard designation of the product:

F easily inflammable
Xi irritating

Risk phrases:

R11 easily inflammable
R36 irritates the eyes

Safety phrases:

S2 keep out of reach of children
S7/9 store container firmly locked at well-ventilated place
S16 keep away from sources of ignition, do not smoke
S26 in case of contact with eyes, rinse with water immediately and seek medical
attention.
S51 use only in well-ventilated areas.

National regulations:

Classification according to VbF:

A I

TA air:

Class III, portion 83,4 %

Water hazard class:

1 (self-assessment of manufacturer)
weak water hazard

16. Additional Information:

The product is an auxiliary agent that is only used in low quantities and at rare occasions.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.