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 ALIVIRA	ALIVIRA ANIMAL HEALTH LIMITED			for operational use
	VISAKHAPATNAM			Sign : <i>Kshema</i>
	TITLE: DICLAZURIL SAFETY DATA SHEET			Date : <i>07/05/2021</i>
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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING
1.1 Product identifiers

Product name: DICLAZURIL

CAS-No. : 101831-37-2

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

Identified uses: Laboratory chemicals, Manufacture of substances

1.3 Details of the user of the safety data sheet

Address : ALIVIRA ANIMAL HEALTH LIMITED
: Plot No. 104 to 109 & Part of 112 & 113,
JNPC – SEZ, Parawada Mandal,
Visakhapatnam - 531019,
Andhra Pradesh, India.

1.4 Emergency telephone number
Phone No. : 91-0892 4236163

Fax No. : 91-0892 4236164

Email : alivira@alivira.in
2. HAZARDS IDENTIFICATION
2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008.

Reproductive toxicity (Category2) H361, H361d

Specific target organ toxicity, repeated exposure (Category 2) H373

2.2 Label elements



Signal word : Warning

Hazard statement (s)

Suspected of damaging fertility or the unborn child. H361

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Suspected of damaging the unborn child. H361d

Causes damage to organs through prolonged or repeated exposure. H373

Precautionary statement (s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P308 IF exposed or concerned

P313 Get medical advice/attention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container to.....

2.3 Other hazards

None

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Formula : C₁₇H₉Cl₃N₄O

Molecular Weight: 407,64 g/mol

CAS-No. : 101831-37-2

4. FIRST AID MEASURES**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact


Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution

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If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas

Nature of decomposition products not known.

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.


Avoid breathing dust.

For personal protection see section 8

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

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Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection


Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

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contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.


9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|--|-------------------|
| a) Appearance Form: | solid |
| b) Odour: | no data available |
| c) Odour Threshold: | no data available |
| d) Ph: | no data available |
| e) Melting point/freezing point: | 291-297 °C |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point: | no data available |
| h) Evaporation rate: | no data available |
| i) Flammability (solid, gas): | no data available |
| j) explosive limits | no data available |
| k) Vapour pressure: | no data available |

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l) Vapour density no data available:	
m) Relative density:	no data available
n) Water solubility:	no data available
o) Partition coefficient: noctanol/ water	log Pow: 3,6
p) Auto ignition Temperature	no data available
q) Decomposition Temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available
9.2 Other safety information	
No data available	

10. STABILITY AND REACTIVITY
10.1 Reactivity No data available
10.2 Chemical stability Stable under recommended storage conditions
10.3 Possibility of hazardous reactions No data available
10.4 Conditions to avoid No data available
10.5 Incompatible materials Strong oxidizing agents
10.6 Hazardous decomposition products Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.

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Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas
Other decomposition products - No data available
In the event of fire: see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - > 5.000 mg/kg

LD50 Dermal - Rabbit - > 4.000 mg/kg

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity:

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as Probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure


No data available

Aspiration hazard

No data available

Additional Information

RTECS: Not available


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12. ECOLOGICAL INFORMATION	
12.1 Toxicity	No data available
12.2 Persistence and degradability	No data available
12.3 Bioaccumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB assessment	No data available
12.6 Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Contaminated packaging	Dispose of as unused product

14. TRANSPORT INFORMATION	
14.1 UN number	ADR/RID: - IMDG: - IATA:-
14.2 UN proper shipping name	ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

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14.3 Transport hazard class (es)

ADR/RID: - IMDG: - IATA:-

14.4 Packaging group

ADR/RID: - IMDG: - IATA:-

14.5 Environmental hazards

ADR/RID: - no IMDG marine pollutant: -no IATA:-no

14.6 Special precautions for user

No data available

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

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

International Chemical Weapons Convention (CWC) : Neither banned nor restricted

Schedules of Toxic Chemicals and Precursors

Restrictions on the marketing and use of certain : Neither banned nor restricted

dangerous substances and preparations

Regulation (EC) No 649/2012 of the European : Neither banned nor restricted

Parliament and the Council concerning the

export and import of dangerous chemicals

Candidate List of Substances of Very High : Neither banned nor restricted

Concern for Authorisation

15.2 Chemical Safety Assessment


For this product a chemical safety assessment was not carried out


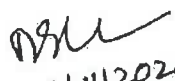

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be Used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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