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SECTION 1 – PRODUCT AND COMPANY INFORMATION

PRODUCT NAME Cyclademol
SYNONYM alpha,3,3-trimethylcyclohexanemethanol
FORMULA
CAS NUMBER 25225-09-6

SECTION 2 – COMPOSITON/INFORMATION ON INGREDIENTS

| PRODUCT NAME | CAS NUMBER | PURITY |
|--------------|------------|--------|
| Cyclademol | 25225-09-6 | - |

SECTION 3- HAZARDS IDENTIFICATION

Information concerning to particular hazards to man and environment: None.

SECTION 4 – FIRST AID MEASURES

After inhalation:

Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately rinse with plenty of water.
If skin irritation continues, consult a doctor.

After eye contact:

Remove contact lenses.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

If person is conscious, rinse out mouth with water.
Call for a doctor immediately.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing agents:

Foam
Fire-extinguishing powder
Carbon dioxide (CO₂)

Protective equipment:

Mount respiratory protective device.
Do not inhale explosion gases or combustion gases.

Additional information: Cool endangered receptacles with water spray.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear personal protection equipment.

Measures for environmental protection:
Do not allow product to reach sewage system or any water course.

Measures for cleaning/collecting:
Absorb liquid components with liquid-binding material.
Send for recovery or disposal in suitable receptacles.
Dispose of the material collected according to regulations.

Additional information:
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7- HANDLING AND STORAGE

Handling:

Information for safe handling: Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: Protect from heat.

Storage:

Requirements to be met by storerooms and receptacles:
Store in a cool location.
Store only in the original receptacle.

Further information about storage conditions:
Keep receptacle tightly sealed.
Store in a well ventilated area.
Protect from heat and direct sunlight.

SECTION 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.

Protection of hands: Solvent resistant gloves

Eye protection: Safety glasses

Body protection: Protective work clothing

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Liquid

Colour: Colourless-slightly amber coloured

Odour: Camphor

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 213-215°C

Flash point: 90°C

Vapour pressure at 50°C: 1 mm Hg

Density at 20°C: 0.902

Solubility in / Miscibility with water: Insoluble.

SECTION 10 – STABILITY AND REACTIVITY DATA

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Materials to be avoided: Strong mineral acids

Dangerous decomposition products: No dangerous decomposition products known.

Additional information:

Do not heat the product or expose vapours to flame or any other source of ignition.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values relevant for classification:

Oral LD50 > 2000 mg/kg (rat)

OECD 401

Primary irritant effect:

on the skin: No irritating effect (OECD 404).

on the eye: At present there are no assessments.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12 – ECOLOGICAL INFORMATION

General notes:

At present there are no ecotoxicological assessments.

Do not allow product to reach ground water, water course or sewage system.

SECTION 13 – DISPOSAL CONSIDERATION

Product:

Recommendation:

After prior treatment product has to be disposed of in an incinerator for special waste adhering to the regulations pertaining to the disposal of special waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14 - TRANSPORTATION DATA

Land transport ADR/RID (cross-border)

· ADR/RID class: -

· Maritime transport IMDG:

· IMDG Class: -

· Air transport ICAO-TI and IATA-DGR:

· ICAO/IATA Class: -

Transport/Additional information: Not dangerous according to the above specifications.

SECTION 15 – REGULATORY INFORMATION

Labelling according to EU guidelines:

The substance is not subject to classification according to EU lists and other sources of literature known to us. Observe the general safety regulations when handling chemicals.

SECTION 16 – OTHER INFORMATION

Disclaimer

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.