

Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 07/10/2023

1. Identification of the substance/mixture and of the company/undertaking

- **Product Identifier** – DMP-30
- **Article Number** - 21370
- **CAS Number** [90-72-2]
- **EC Number** 202-013-9
- **Index Number** 603-069-00-0
- **Relevant identified uses of the substances or mixture and uses advised against.**
No further relevant information available.
- **Application of the substance/preparation:** Accelerator used in epoxy resins for microscopy.
- **Details of the supplier of the safety data sheet**

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2. Hazards identification

- **Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Skin Corr. 1B

H314

Causes severe skin burns and eye damage



GHS07

Acute Tox. 4

H302

Harmful if swallowed.

Eye Irrit. 2

H319

Causes serious eye irritation

Skin Sens. 1B

H317

May cause an allergic skin reaction

Aquatic Chronic 3

H412

Harmful to aquatic life with long lasting effects

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product has been classified and labelled according to the CLP regulation.

Hazard pictograms



GHS05 GHS07

Signal word: Danger

Hazard statements

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H412	Harmful to aquatic life with long lasting effects

Precautionary statements

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P303+P361+P353	IF ON SKIN (or hair): Immediately remove all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

3. Composition/information on ingredients

Chemical characterization: Substances

CAS No:	Description
90-72-2	2,4,6-tris(dimethylaminomethyl) phenol

Identification number(s):

EC number: 202-013-9

Index number: 603-069-00-0

4. First aid measures

Description of first aid measures

General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation: No adverse effects are anticipated from inhalation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Call for a doctor immediately. Drink plenty water and provide fresh air.

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents: Water fog – dried resin only.

Special hazards arising from the substance or mixture. During heating or in case of fire, poisonous gases are produced.

Advice for firefighters

Protective equipment: Positive pressure self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear protective gloves and glasses.

Environmental precautions:

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

Inform respective authorities in case of seepage into water course or sewage system.

Methods and material for containment and cleaning up:

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7. Handling and storage

Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Information about fire and explosion protection:

Extinguishing media: Water for – dried resin only.

Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

Special end use(s): No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

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

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

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Tightly sealed goggles

9. Physical and chemical properties

Information on basic physical and chemical properties

General information

Appearance:

Form: Viscous liquid

Color: Light yellow

Odor: Characteristic

Odor threshold: Not determined

pH value: Not determined

Change in condition

Melting point/Melting range: Undetermined

Boiling point/Boiling range:	Undetermined
Flash point:	Not applicable
Flammability:	Not applicable
Ignition temperature:	
Decomposition temperature:	Not determined
Self-igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapor pressure at 20°C:	Not determined
Density at 20°C:	0.98 g/cm ³
Relative density:	Not determined
Vapor density:	Not determined
Evaporation rate:	Not applicable
Solubility in/	
Miscibility with water:	Not determined
Partition coefficient:	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
Other information:	No further relevant information available

10. Stability and reactivity

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

Information on toxicological effects

Acute toxicity:

Harmful if swallowed

Primary irritant effect:

on the skin: Causes severe skin burns and eye damage.

on the eye: Causes serious eye irritation.

Sensitization:

May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.
Reproductive toxicity: Based on available data, the classification criteria are not met.
STOT-single exposure: Based on available data, the classification criteria are not met.
STOT-repeated exposure: Based on available data, the classification criteria are not met.
Aspiration hazard: Based on available data, the classification criteria are not met.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available

Mobility in soil: No further relevant information available

Ecotoxicological effects:

Remark: Harmful to fish

Additional ecological information:

General notes:

Must not reach sewage water or drainage ditch undiluted or unneutralized. Harmful to aquatic organisms.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13. Disposal considerations

Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information

UN-Number

ADR, IMDG, IATA UN2735

UN proper shipping name

ADR UN2735 Amines, liquid, corrosive, n.o.s. (2,4,6-tris[dimethyl-, aminomethyl]phenol)

IMDG Amines, liquid, corrosive, n.o.s. (2,4,6-tris[dimethyl-, aminomethyl]phenol)

IATA UN2735 Amines, liquid, corrosive, n.o.s. (2,4,6-tris[dimethyl-, aminomethyl]phenol)

Transport hazard class(es)**ADR, IMDG**

Class 8 Corrosive substances

IATA

Class 8 Corrosive substances

Packing group

ADR, IMDG, IATA II

Environmental hazards:

Marine pollutant: No

Special marking (ADR):

Special precautions for user: Warning: Corrosive substances

EMS Number: F-A, S-B

Segregation groups: Alkalis

**Transport in bulk according
to Annex II of MARPOL 73/78
and the IBC Code:**

Not applicable

Transport/Additional information:**ADR**

Limited quantities (LQ) 1L

Excepted quantities (EQ) E2

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 500ml

UN “Model Regulation”: UN2735 Amines, liquid, corrosive, n.o.s. (2,4,6-tris[dimethyl-, aminomethyl]phenol), 8, II

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU

Named dangerous substances – ANNEX I Substance is not listed

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other Information

This information is based on our present knowledge and should assist the user with the safe handling of this material when properly applied. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the international Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative