

SAFETY DATA SHEET
TRI(DIMETHYLAMINOMETHYL)PHENOL (DMP-30)

CATALOG #3103

1. IDENTIFICATION

Product Identifier DMP-30

Product name: 2,4,6-tris(dimethylaminomethyl)phenol

Article number: AGR1145C, AGR1063, AGR1064, AGR1065

CAS Number: 90-72-2

EC number: 202-013-9

Index number: 603-069-00-0

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Application of the substance / the preparation: Accelerator used in epoxy resins for microscopy.

Details of the supplier of the safety data sheet

COMPANY IDENTIFICATION
TOUSIMIS RESEARCH CORP.
2211 LEWIS AVENUE
ROCKVILLE, MD 20851
UNITED STATES

Company Contact Information:
301-881-2450
trc@tousimis.com

EMERGENCY TELEPHONE NUMBER
Emergency Contact: 1-800-222-1222

2. HAZARDS IDENTIFICATION

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



GHS07

Acute Tox. 4 H305 Harmful if swallowed.
Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn; Harmful
R22: Harmful if swallowed.

Xi; Irritant
R36/38: Irritating to eyes and skin.

Information concerning particular hazards for human and environment: Not applicable.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word (GHS-US):

Warning

Hazard statement(s) (GHS-US)

H302 – Harmful if swallowed
H315 – Causes skin irritation
H319 – Causes serious eye irritation.

Precautionary statement(s)

P280 – Wear eye protection, face protection, protective clothing, protective gloves
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 – Specific treatment (see first aid instructions on this label)
P362 – Take off contaminated clothing and wash it before reuse
P301 + P312 – If swallowed: Call a doctor, a poison center if you feel unwell
P501 – Dispose of contents/container to hazardous or special waste collection point in accordance with local, regional, national and/or international regulation

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

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

After inhaled

In case of unconsciousness place patient stably in side position for transportation.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

After eye contact

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

After swallowing

Call for a doctor immediately.

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 additional information available

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Not required.

Environmental precautions

No special measures required.

Methods and material for containment and cleaning up

Dispose contaminated material as waste according to item 13.

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

Handling

Precautions for safe handling No special precautions are necessary if used correctly.

Information about fire-and explosion protection: No special measures required.

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.

Specific 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: Not required.

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: Not required.

Protection of hands:

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.

Penetration time of glove material

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

Eye protection: Tightly sealed goggles

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Form Not determined.

Color Not determined.

Smell Characteristic

Odor Threshold Not determined.

pH Not determined.

Change in condition

Melting point/Melting range Undetermined

Boiling point/Boiling range Undetermined

Flash point Not applicable

Flammability (solid/gaseous) Not applicable

Ignition temperature

Decomposition temperature Not determined

Self-igniting Not determined

Danger of explosion Product does not present an explosion hazard.

Explosion limits	
Lower	Not determined.
Upper	Not determined.
Vapour pressure	Not determined.
Density at 20°C	0.98 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not applicable.
Solubility in / Miscibility	
with water	Not determined.
Partition coefficient	
(n-octanol/water)	Not determined.
Viscosity	
Dynamic	Not determined.
Kinematic	Not determined.
Other information	No further relevant information available.

10. STABILITY AND REACTIVITY

Reactivity

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

Primary irritant effect

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability No further relevant information available.

Behaviour in environmental systems

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

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, ADN, IATA

Void

IMDG

UN1986

UN proper shipping name

ADR, ADN, IATA

Void

IMDG

ALCOHOLS, FLAMMABLE, TOXIC, N.O.S.
(2,4,6-tris(dimethylaminomethyl)phenol)

Transport hazard class(es)

ADR, ADN, IATA

Class

Void

IMDG

Class

3 Flammable liquids

Packing group

ADR, IATA

Void

Environmental hazards	
Marine pollutant	No Yes (PP)
Special precautions for user	Not applicable
EMS Number	F-E, S-D
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation"	

15. REGULATORY INFORMATION

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:

trc@tousimis.com

Tel.: 1-800-638-9558

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

PP: Severe Marine Pollutant

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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