

Section 1: Identification

Product name:	DMXAA
Product number:	TBI2676
Identified uses:	Laboratory chemicals. For research use only.
Company:	Tribioscience, Inc 365 San Aleso Ave Sunnyvale, CA 94085
Phone:	408-498-0197
Email:	order@tribioscience.com

Section 2: Hazard(s) Identification

Hazard Classification:	Not a hazardous substance or mixture.
Signal Word:	Not a hazardous substance or mixture.
Hazard Statements:	Not a hazardous substance or mixture.
Pictogram:	Not a hazardous substance or mixture.
Precautionary Statements:	Not a hazardous substance or mixture.
Description of other hazards:	Not a hazardous substance or mixture.

Section 3: Composition/ Information on Ingredients

Chemical Name:	DMXAA
CAS:	117570-53-3
Formula:	C ₁₇ H ₁₄ O ₄
Molecular Weight:	282.29

Section 4: First-Aid Measures

Skin contact:	Wash off with plenty of water. Remove contaminated clothing.
Eye contact:	Flush eyes with running water for at least 15 minutes. Consult physician if necessary.
Inhalation:	Remove to fresh air. Consult a physician if necessary.
Ingestion:	Wash out mouth with water. Consult a physician if necessary

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Unsuitable extinguishing agents:	No data available.
Specific hazards arising from chemical:	No data available
Special protective equipment for firefighters:	Standard personal protective equipment for chemical fires, respirator

Section 6: Accidental Release Measures

Personal precautions:	Use personal protective equipment.
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Ensure adequate ventilation.
Avoid contact with skin.
Avoid breathing dust, vapors, mist, or gas.

Measures for environmental protection: Prevent leakage or spills from the drains.

Measures for cleaning/collecting: Clean with inert absorbent material.
Dispose in a suitable container.

Section 7: Handling and Storage

Handling: Use personal protective equipment.
No special handling requirement.

Storage: Protect from light. Store at -20°C. Keep container tightly sealed and properly labeled.

Specific end uses: Use in a laboratory fume hood where possible. Refer to employer's COSHH risk assessment.

Section 8: Exposure Controls/Personal Protection

Exposure controls: Substances are not required for occupational exposure limit values.

Engineering controls: Use a fume hood where applicable. Ensure proper ventilation.

General protective: Use appropriate chemical resistant gloves.
Wear suitable protective clothing to prevent skin exposure.

Respiratory protection: If risk assessment indicates necessary, use a suitable respirator.

Eye protection: Use appropriate safety goggles.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice

Section 9: Physical and Chemical Properties

Physical state: Powder.

Odor:	No data available
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Boiling point/boiling range:	No data available.
Flash point:	No data available.
Evaporation rate:	No data available.
Flammability:	No data available.
Upper/lower flammability or explosive limits:	
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	No data available.
Solubility:	No data available.
Partition coefficient:	No data available.
Auto ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

Section 10: Stability and Reactivity

Reactivity:	No specific test data related to reactivity is available for this product or its ingredients.
Chemical stability:	The product is stable under recommended storage conditions.
Possibility of hazardous reactions:	Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	No data available

Section 11: Toxicological Information

Acute toxicity:	No data available
Irritation/ Corrosion:	No data available
Sensitization:	No data available
Mutagenicity:	No data available
Carcinogenic effects:	No data available
Reproductive toxicity:	No data available
Teratogenicity	No data available
Specific target organ toxicity (STOT) - single exposure:	No data available
Specific target organ toxicity (STOT)- repeated exposure:	No data available
Aspiration hazard:	No data available

Section 12: Ecological Information

Ecotoxicity:	No substances known to be hazardous to the environment.
Mobility:	No data available.
Biodegradation:	No data available.

Bioaccumulation: No data available.

Other adverse effects: No data available.

Section 13: Disposal Considerations

Waste from residues/unused products: The generation of waste should be minimized as much as possible. Disposal of this product and solutions should entirely comply with the requirements of all applicable local, regional or national/ federal legislations

Section 14: Transport Information

DOT-US/ IMDG/ IATA Not regulated by the transportation regulation

UN number: No data available.

UN shipping name: No data available.

Hazardous class: No data available.

Packing group: No data available.

Transport in bulk: No data available.

Special precautions: No data available.

Environmental hazards: No data available

Section 15: Regulatory Information

SARA Section 311/312: No SARA hazards

SARA Section 313: No SARA hazards

Clean Air Act, Section 112 Hazardous Air

Pollutants (HAPs): Not contain HAPs

TSCA (Toxic Substances Control Act): No data available.

Other Information

Version: New

Date of creation 05/15/24

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