

Tgard™ 500

Version 2.0

Issue Date : 09/26/2024 Ref. 130000159035
Revision Date : 05/14/2024

This document is for information only, provided voluntarily and not subsequent to regulatory requirement.

PRODUCT AND CONTACT INFORMATION**Product identifier**

Product name : Tgard™ 500
Company : Laird Technologies
4707 Detroit Ave Cleveland, OH 44102 USA
Telephone : +1-216-939-2300
E-mail address : laird.orders@dupont.com

Emergency telephone number

Emergency contact : Transport Emergency: CHEMTREC 1-800-424-9300 (outside the U.S. 1-703-527-3887)

HAZARDS IDENTIFICATION**Physical and chemical properties**

Form : sheets
Color : pink
Odor : mild
Density : 2.54 g/cm³

Stability and reactivity

Conditions to avoid : Decomposes on heating. Avoid prolonged exposure at or above the recommended processing temperatures.
Incompatibility : Strong oxidizing agents Strong acids, Strong bases, reactive metals
Hazardous decomposition products : Nitrogen oxides (NO_x), Carbon oxides
Hazardous reactions : No dangerous reaction known under conditions of normal use.

INFORMATION ON INGREDIENTS

Not relevant for article

FIRST AID MEASURES

Description of first aid measures

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- Inhalation : Is not an expected route of exposure under normal conditions. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Keep person calm. If symptoms persist, call a physician.
- Skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and water. Get medical attention if irritation develops and persists.
- Eye contact : If easy to do, remove contact lens, if worn. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if symptoms persist.
- Ingestion : Is not considered a potential route of exposure.

Most important symptoms and effects, both acute and delayed

Risks : No special protective equipment required.

Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

FIREFIGHTING MEASURES**Extinguishing media**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Dry powder, Sand

Extinguishing media which shall not be used for safety reasons : Water, Carbon dioxide (CO₂), Foam

Special hazards arising from the article

Specific hazards during firefighting : May release toxic and/or hazardous fumes and gases. Dust may form explosive mixture in air. Do not allow run-off from fire fighting to enter drains or water courses. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Advice for firefighters

Special protective equipment for firefighters : Wear full protective clothing and self-contained breathing apparatus.

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ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions : Avoid contact with the skin and the eyes. Ensure adequate ventilation.

Environmental precautions

Environmental precautions : No special environmental precautions required.

Methods and materials for containment and cleaning up

Methods for cleaning up : Use mechanical handling equipment., Pick up and transfer to properly labelled containers.

Other information : Dispose of in accordance with local regulations.

Reference to other sections

For personal protection see section "Exposure controls/personal protection", For Disposal instruction see section "Disposal consideration"

HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. Take precautionary measures against static discharges. Do not handle until all safety precautions have been read and understood.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition. No smoking.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in cool, dry place in original containers. Store in a well-ventilated area away from heat and sunlight.

Advice on common storage : Keep away from oxidizing agents, strongly acid or alkaline materials and amines.

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Other data : Store at room temperature.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls : Use only with adequate ventilation. Any process that has the potential to generate dust should be performed using engineering controls, such as isolation, enclosures, local exhaust ventilation, wetting with appropriate solvent, or dust collection systems, to control airborne fibers and dusts below applicable limits. Use explosion-proof electrical, ventilating and lighting equipment.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Suitable respiratory equipment: Respirator with a full face mask

Hand protection : Material: Impervious gloves
Additional protection: Gloves must be inspected prior to use.

Eye protection : Wear safety glasses with side shields.

Skin and body protection : Wear suitable protective clothing.
Protective measures : Wear suitable protective equipment.

Exposure Guidelines
Exposure Limit Values

None established.

DISPOSAL CONSIDERATIONS

Waste treatment methods
Product

: In accordance with local and national regulations.

REGULATORY INFORMATION

TSCA (US) Status

Product is an article as defined at 40CFR720.3(c) and is not subject to

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TSCA Inventory requirements.

California Prop. 65:

This product does not contain any substances requiring a warning under the Safe Drinking Water and Toxic Enforcement Act.

OTHER INFORMATION

The information provided in this Article Information Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.