



SAFETY DATA SHEET

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SECTION 1 PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: **Yttrium Acetate Tetrahydrate**

PRODUCT NUMBER: 3833

CAS NUMBER: 85949-60-6

MANUFACTURER:

ProChem, Inc.
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IN CASE OF TRANSPORTATION EMERGENCY CONTACT CHEM-TREC: 1-800-424-9300

SECTION 2 HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE OR MIXTURE

Not a dangerous substance or mixture according to GHS.

HMIS CLASSIFICATION:

Health: 1 Fire: 1 Reactivity Hazard: 1

NFPA RATING:

Health: 1 Flammability: 1 Reactivity Hazard: 1

EYE CONTACT: May cause irritation of the eyes.

SKIN CONTACT: Generally, material does not irritate skin.

INHALATION: May cause irritation to nose, throat, and respiratory tract.

INGESTION: No data available.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Formula: $Y(COOH_3)_3 \cdot 4H_2O$

Molecular Weight: 338.10

CHEMICAL NAME	CAS#	%
Yttrium Acetate tetrahydrate	85949-60-6	100

SECTION 4 FIRST AID MEASURES

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for several minutes. Assure flushing under eyelids.

A victim may need assistance in keeping their eyelids open. Seek medical attention if redness or irritation persists.

SKIN EXPOSURE: Wash affected area with soap and copious amounts of water. Remove contaminated clothes if necessary. Seek medical assistance if irritation or redness persists.

SECTION 4 FIRST AID MEASURES (Cont.)

INHALATION: Remove victim to fresh air. Closely monitor the victim for signs for respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases, seek immediate medical assistance.

INGESTION: No specific data available. Seek medical assistance immediately. Keep the victim calm.

SECTION 5 FIREFIGHTING MEASURES

FLASH POINT: Not applicable

AUTO IGNITION TEMPERATURE: Not available

EXPLOSION LIMITS: Product does not present an explosion hazard.

EXTINGUISHING MEDIUM: Carbon dioxide, extinguishing powder, or water spray. Fight large fires with water spray or alcohol resistant foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Carbon oxides and yttrium oxides

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear all appropriate equipment when using this material. Ensure adequate ventilation. Avoid the formation of dust. Avoid breathing vapors, mist, gas, or dust.

ENVIRONMENTAL PRECAUTIONS: Prevent spillage from entering drains or allowing to be released into the environment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP: Sweep up and place in suitable container for proper disposal.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Use with adequate ventilation. Avoid formation of dusts and aerosols.

CONDITIONS FOR SAFE STORAGE: Store in cool, dry, and well-ventilated area. Store away from oxidizing agents.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE CONTROLS: Contains no substances with occupational exposure limit values.

EYE PROTECTION: Wear chemical safety glasses or goggles and face shield.

SKIN PROTECTION: Wear nitrile or rubber gloves, and a complete suit protecting against chemicals.

VENTILATION: Provide local exhaust, preferably mechanical.

RESPIRATOR: Use an approved respirator.

ADDITIONAL PROTECTION: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND FORM: White solid

ODOR: No data available

MOLECULAR WEIGHT: 338.10

BOILING POINT: No data available

MELTING POINT: No data available

SPECIFIC GRAVITY: 1.5

SOLUBILITY IN WATER: Soluble

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Oxidizing agents

DECOMPOSITION PRODUCTS: Carbon oxides and yttrium oxides

SECTION 11 TOXICOLOGICAL DATA

ACUTE TOXICITY: Not available

CARCINOGENIC EFFECTS: No components of this product present at levels greater than or equal to 0.1% is identified a carcinogen.

MUTAGENIC EFFECTS: Not available

TETRATOGENIC EFFECTS: Not available

CHRONIC TOXICITY: Not available

RTECS: No data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 ECOLOGICAL DATA

No information available

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in according to local, state, and federal regulations.

SECTION 14 TRANSPORTATION DATA

Not a dangerous good.

SECTION 15 REGULATORY INFORMATION

TSCA: Not listed

SARA 302/304: Not Listed

SARA 311/312: Not Listed

SARA (TITLE 313): Not Listed

CALIFORNIA PROP. 65: Not Listed

SECTION 16 OTHER INFORMATION

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

DATE REVISED: 01/25

SDS DEPT.