

TOAC: sc-202366



MATERIAL SAFETY DATA SHEET

The Power to Question

Section 1 – Chemical Product and Company Identification

Product Name: TOAC
Catalog Number: sc-202366
Synonyms: 2,2,6,6-TETRAMETHYLPIPERIDINE-1-OXYL-4-AMINO-4-CARBOXYLIC ACID;
4-Amino-4-carboxy-2,2,6,6-tetramethylpiperidine-1-oxyl;
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2 – Composition, Information on Ingredients

CAS#	%	EINECS#
2,2,6,6-TETRAMETHYLPIPERIDINE-1-OXYL-4-AMINO-4-CARBOXYLIC ACID		
15871-57-5	96%	unlisted

Hazard Symbols: None Listed.
Risk Phrases: None Listed.

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

The toxicological properties of this material have not been fully investigated.

POTENTIAL HEALTH EFFECTS

Eye May cause eye irritation.

Skin May cause skin irritation.

Ingestion The toxicological properties of this substance have not been fully investigated.

Inhalation May cause respiratory tract irritation.

Chronic Not available.

Section 4 – First aid Measures

Eyes Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.
Skin Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.
Ingestion Get medical aid. Wash mouth out with water.
Inhalation Remove from exposure to fresh air immediately. Get medical aid.

Section 5 – Fire Fighting Measures

General Information As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 – Accidental Release Measures

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Vacuum or sweep up material and place into a suitable disposal container.

Section 7 – Handling and Storage

Handling	Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.
Storage	Store in a cool, dry place. Store in a tightly closed container. Keep refrigerated. (Store below 4°C/39°F.)

Section 8 – Exposure Controls, Personal Protection

Engineering Controls	Use adequate ventilation to keep airborne concentrations low.
PERSONAL PROTECTIVE EQUIPMENT	
Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Skin	Wear appropriate protective gloves to prevent skin exposure.
Clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9 – Physical and Chemical Properties

Physical State	Powder	Appearance	yellow
Odor	Not available.	pH	Not available.
Vapor Pressure	Not available.	Viscosity	Not available.
Boiling Point	Not available.	Freezing/Melting Point	230° C dec
Autoignition Temperature	Not available.	Flash Point	Not available.
Explosion Limits, lower	Not available.	Explosion Limits, upper	Not available.
Decomposition Temperature	>230° C	Solubility in water	–
Specific Gravity/Density	–	Molecular Formula	C10H19N2O3
Molecular Weight	215.27		

Section 10 – Stability and Reactivity

Chemical Stability	Not available.
Conditions to Avoid	Not available.
Incompatibilities with Other Materials	Not available.
Hazardous Decomposition Products	
	Nitrogen oxides, carbon monoxide, carbon dioxide.
Hazardous Polymerization	Has not been reported

Section 11 – Toxicological Information

RTECS#	CAS# 15871–57–5 unlisted.
LD50/LC50	Not available.
Carcinogenicity	2,2,6,6-TETRAMETHYLPIPERIDINE-1-OXYL-4-AMINO-4-CARBOXYLIC ACID - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

Section 12 – Ecological Information

No data available

Section 13 – Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 – Transport Information

IATA IMO RID/ADR

Shipping Name: Not regulated.Not regulated.Not regulated.

Hazard Class: ---

UN Number: ---

Packing Group: ---

Section 15 – Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases: -

Safety Phrases: S24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 15871-57-5: No information available.

United Kingdom Occupational Exposure Limits

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 15871-57-5 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 15871-57-5 is not listed on the TSCA inventory.

It is for research and development use only.

Section 16 – Additional Information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

9/23/2010