



# Safety Data Sheet

## TRIMETHOXSILANE ALDEHYDE-KEEP REFRIGERATED AND UNDER NITROGEN

### Section 1. Identification

Product Identifier	TRIMETHOXSILANE ALDEHYDE-KEEP REFRIGERATED AND UNDER NITROGEN		
Synonyms	PSX1050; 4-Trimethoxysilybutylaldehyde		
Manufacturer Stock Numbers	N/A		
Recommended use	N/A		
Uses advised against	N/A		
Manufacturer Contact			
Address	UCT Specialties, Inc 2731 Bartram Road Bristol, PENNSYLVANIA, 19007 US		
	Phone	Emergency Phone	Fax
	(215) 781-9255	(800) 424-9300 Chemtrec CHEMTREC Emergency Contact International - 703- 527-3887	N/A
	Email	Website	
	wwessell@unitedchem.com	www.unitedchem.com	

### Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2B FLAMMABLE LIQUIDS - Category 3 OXIDIZING LIQUIDS - Category 3 SKIN CORROSION/IRRITATION - Category 2
Signal Word	Warning

Pictogram



Hazard Statements

Causes eye irritation  
Causes skin irritation  
Flammable liquid and vapor  
May intensify fire; oxidizer

Precautionary Statements

Response

If eye irritation persists: Get medical advice/attention.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

Prevention

Keep away from heat.  
Keep container tightly closed.  
Keep/Store away from clothing and other combustible materials.  
Take precautionary measures against static discharge.  
Use only non-sparking tools.

Storage

Store in a well-ventilated place. Keep cool.

Disposal

N/A

Ingredients of unknown toxicity

0%

Hazards not Otherwise Classified

No Data Available

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
	4-Trimethoxysilybutylaldehyde	Unknown

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-Aid Measures

Eye

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

Skin

Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. Get prompt medical attention.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion

Not considered route of entry

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	water spray, CO2, foam, dry chemical Explosion hazard in fire situation. Vapor heavier than air and may travel considerable distance to a source of ignition and flash back.
	Firefighters must wear positive pressure, self-contained breathing apparatus and full protective clothing
Unsuitable Extinguishing Media	N/A

## Section 6. Accidental Release Measures

Clean-up	Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.
Evacuate	If this material is released into a work area, evacuate the area immediately.
Disposal	Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

## Section 7. Handling and Storage

Storage	Store in a tightly closed container. Store in a cool dry place.
Handling	Use with adequate ventilation.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	4-Trimethoxysilybutylaldehyde	N/A	N/A	N/A
Personal Protective Equipment	Goggles, Gloves			
Engineering controls	If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.			

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Colorless
Odor	Characteristic
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	N/A
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

## Section 10. Stability and Reactivity

Polymerization	Hazardous polymerization will not occur
Conditions to avoid	Acids, water, and oxidizing agents
Stability	This compound is stable at ambient conditions under blanket of nitrogen.

## Section 11. Toxicological Information

Carcinogen	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP or OSHA
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## Section 12. Ecological Information

No	No information is available
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## Section 13. Disposal

Disposal Incineration is recommended. Treat or dispose of waste material in accordance to all local, state/provincial and national requirements. Containers of this material may be hazardous when empty since they retain product residues (liquid). Observe all warnings and precautions for this material.

## Section 14. Transport Information

UN Number 1129  
UN Proper Shipping Name Butyraldehyde  
DOT Classification 3  
Packing Group II

## Section 15. Regulatory Information

Regulatory This product is not listed on the TSCA Inventory

## Section 16. Other Information

Revision Date 4/10/2015  
No Data Available