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Product Name: Triethyl orthoformate

CAS No.: 122-51-0

Version: 0

Product Code	: 91938
Company Name	: Advent Chembio Private Limited
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WEBSITE	: www.adventchembio.com
Company Phone Number	: 022-27690837
2. Hazards Identification	
Hazard classification Flammable liquids Labels elements Hazard symbol	: Category 3
Signal word Hazard statement Precautionary statement	 Warning Flammable liquid and vapour. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep cool.
3. Composition/information	on ingredients
Ingredient	: 1,1,1-Triethoxymethane
CAS No.	: 122-51-0
Percent	: NLT 98.0%
Formula	: C <sb>7H<sb>16O<sb>3</sb></sb></sb>
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4. First Aid Measures	
Description of first aid measures	
General advice	: Consult a physician. Show this safety data sheet to the doctor in attendance.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin contact	: Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue rinsing. If eye irritation persists: Get medical advice/attention.
Swallowed	: Get medical advice/attention if you feel unwell. Rinse mouth.
Most important symptoms and effects, both acute and delayed Indication of any immediate medical attention and special treatment needed Treatment	 The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11 No data available

5. Fire fighting measures		
Extinguishing media Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	:	Carbon oxides
Advice for firefighters	:	Wear self contained breathing apparatus for firefighting if necessary.
6. Accidental Release Measures		
Personal precautions, protective	:	Use personal protective equipment. Avoid breathing vapours,

equipment and emergency procedures	•	mist or gas. Ensure adequate ventilation.Evacuate personnel to safe areas.
Environmental precautions Methods and materials for		Do not let product enter drains. Contain spillage, and then collect with an electrically protected
containment and cleaning up	•	vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in



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7. Handling and storage		suitable, closed containers for disposal.
7. Handling and storage		
Precautions for safe handling	:	Avoid inhalation of vapour or mist.
		Keep away from sources of ignition - No smoking. Take measures
		to prevent the buildup of electrostatic charge.
Conditions for safe storage,		Store in cool place. Keep container tightly closed in a dry and
including any incompatibilities		well-ventilated place. Containers which are opened must be
		carefully resealed and kept upright to prevent leakage.
8. Exposure Controls / Personal F	Protec	ction
b. Exposure Controls / 1 crsonar 1	1000	
Exposure limit	:	No data available
Appropriate engineering	:	Handle in accordance with good industrial hygiene and safety
controls		practice. Wash hands before breaks and at the end of workday.
Personal protective equipment		
Respiratory protection		Dust respirator. Follow local and national regulations
Hand protection		Protective gloves.
Eye protection		Safety glasses. A face-shield, if the situation requires.
Skin and Body Protection	:	Protective clothing. Protective boots, if the situation requires.
9. Physical and Chemical Propert	ies	
Appearance	:	Clear Colourless liquid
Odor	:	No data available
рН	:	No data available
Melting point/freezing point	:	-76 °C - lit.
Initial boiling point and boiling	:	146 °C - lit.
range		
	:	35 °C - closed cup
Flash Point		No data available
Vapor pressure Vapor density		No data available No data available
Vapor density Deletive density		No data available
Relative density Solubility in water		No data available
Solubility (other)		No data available
Solubility (other)	•	
10. Stability and Reactivity		
· · · ·		
Reactivity		No data available
Chemical stability		Stable under recommended storage conditions.
Possibility of hazardous	:	No data available



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Conditions to avoid	: Heat, flames and sparks.
Incompatible materials	: acids, Strong oxidizing agents
Hazardous decomposition	: Hazardous decomposition products formed under fire conditions
products	Carbon oxides

11. Toxicological Information

Information on toxicological effects

Acute toxicity	:	No data available
Skin corrosion/irritation	:	No data available
Serious eye damage/eye	:	No data available
irritation Respiratory or skin sensitization	:	No data available
Germ cell mutagenicity	:	No data available
Carcinogenicity		
IARC	:	No data available
NTP	:	No data available
OSHA	:	No data available
Reproductive toxicity	:	No data available
Route of Exposure	:	No data available
Signs and Symptoms of	:	No data available
Exposure		

12. Ecological Information

Toxicity		No data available
Persistence and degradability	:	No data available
Bioaccumulative potential	:	No data available
Mobility in soil	:	No data available.
Other adverse effects	:	No data available.

13. Disposal consideration

Disposal instructions	:	Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	:	Dispose of as unused product.



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14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	2524	ETHYL ORTHOFORMATE	3	III	NO
IMDG	2524	ETHYL ORTHOFORMATE	3	III	NO
IATA	2524	ETHYL ORTHOFORMATE	3	III	NO

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture No Data Available.

16. Other Information

Issue Date :01/12/2015

Version : 0

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