



Alena

1. Identification

Product Name: Alena

Item #: 12345

Web SDS:

Synonyms: Na

Recommended Use: N/A

Restrictions on Use: N/A

Manufacturer:

In Case of Emergency:

BBC Biochemical

Chemtec US 1-800-424-9300

409 Eleanor Lane,

Chemtec International 703-527-3887

Mount Vernon, WA 98273

1-800-635-4477

2. Hazards Identification

OSHA Hazard Classification(s):

Acute Toxicity - Dermal - Category 4

Signal Word: Warning

Hazard Statement(s): Harmful in contact with skin.

Pictogram(s):



Precautionary Statement(s): Prevention: Wear protective gloves and protective clothing.

Response: If on skin: Wash with plenty of water. Call a doctor if you feel unwell. Specific treatment (see first aid section on this label). Take off immediately all contaminated clothing and wash it before reuse.

Storage:

Disposal: Dispose of contents/container in accordance with local regulations.

Descriptions of Hazards not otherwise classified: N/A

Percent of mixture with unknown acute toxicity: N/A

3. Composition and Information on Ingredients

Chemical Name	Common Name	CAS #	Concentration %
F		12	4

4. First Aid Measures

Eye Contact: If in eyes: 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.

Skin Contact: If on skin (or hair): Take off immediately all contaminated clothing and wash before reuse. Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Inhalation: Remove to fresh air; give artificial respiration if breathing has stopped. Get medical advice/attention if you feel unwell.

Ingestion: Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

Symptoms: Irritation eyes, nose, throat; headache, dizziness

Recommendations for immediate medical care/special treatment: Get medical advice/attention if you feel unwell.

5. Fire- Fighting Measures

Extinguishing Media: Dry chemical, carbon dioxide, alcohol foam.

Fire Hazards (Chemical): N/A

Special Protective Equipment: Fire fighters should use self-contained breathing apparatus and protective clothing.



Alena

Precautions for Firefighters: Fire fighters should use self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Emergency Procedures: Evacuate the area of all unnecessary personnel. Wear suitable protective equipment. Eliminate all sources of ignition and provide ventilation.

Protective Equipment: See section 8

Environmental Precautions: Prevent release to the environment by using barriers.

Containment and Clean-Up Procedures: Use barriers to prevent spreading. Collect spill in container. Call waste authorities.

7. Handling and Storage

Handling: Do not breathe vapors. Do not eat, drink or smoke when using this product.

Storage:

8. Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PELs):

Reagent	CAS #	OSHA PEL TWA
---------	-------	--------------

ACGIH Threshold Limit Values (TLVs):

Reagent	CAS #	ACGIH PEL TLV	ACGIH STEL
---------	-------	---------------	------------

Engineering Controls: Use in a well ventilated area to prevent exposure. Maintain eyewash fountain and quick-drench facilities in work areas.

Personal Protective Measures: Wear gloves, lab coat, eye protection and impervious footwear. Contact lenses should not be worn when working with this material.

Special PPE Requirements: If ventilation hood not available wear respirator.

9. Physical and Chemical Properties Section

Appearance: ,

Molecular Weight:

Molecular Formula:

pH: N/A

Boiling Point and Boiling Range: N/A

Melting Point/Freezing Point: N/A

Flash Point: N/A

Specific Gravity/Relative Density:

Odor: N/A

Odor Threshold: N/A

Color:

Flammability (solid/gas): N/A

Vapor Density: N/A

Upper/Lower flammability or explosive limits: N/A

Vapor Pressure: N/A

Evaporation Rate: N/A

Partition Coefficient: n-octanol/water: N/A

Viscosity: N/A

Auto-ignition temperature: N/A

Solubility: N/A

Decomposition Temperature: N/A

**Alena****10. Stability and Reactivity****Reactivity:** N/A**Chemical Stability:****Conditions of Stability/Instability:** N/A**Stabilizers needed:** None**Safety issue indicated by appearance change:** N/A**Other:** N/A**Hazardous Reactions:** N/A**Hazardous Polymerization:** Does not occur**Conditions to avoid:** N/A**Classes of Incompatible Materials:** Oxidizers, Strong Acids, Strong Bases**Hazardous Decomposition Products:** Thermal-oxidation degradation can produce oxides of carbon. Toxic gases and vapors (I.e. Carbon monoxide) may be released in a fire.**11. Toxicological Information****Likely Routes of Exposure****Eyes:** Irritation.**Skin:** Irritation.**Inhalation:** Dizziness, headache.**Ingestion:** Nausea.**Signs or Symptoms of Exposure:** Nausea.**Effects from short term exposure (delayed, immediate, chronic):** Irritation to the eyes, nose, throat; headache, dizziness, nausea.**Acute Toxicity (Numerical Measures):****Carcinogenicity (NTP, IARC, OSHA):** N/A**12. Ecological Information****Ecotoxicity:****Persistence and degradability:****Bioaccumulation Potential (octanol-water partition coefficient, BCF):****Mobility in the soil:****Adverse Environmental Effects:****13. Disposal Considerations****Recommended Disposal Containers:** Check with your local waste authorities***Recommended Disposal Methods:** Do not dispose of in drains, check with your local waste authorities.***Physical/Chemical Properties affecting Disposal:** See section 2 and section 9 applicable information.***Special Precautions for Landfill and Incineration Activities:** Check with your local waste authorities.***Waste Stream:** Consult your local or regional authorities.***14. Transport Information****UN Number:****UN Proper Shipping Name:****Transport Hazard Class(es):****Packing Group Number:****Environmental Hazards (IMDG code):****Marine Pollutant:****Transport in Bulk (IBC Code):**



Alena

Special Transport Precautions:

15. Regulatory Information

OSHA:

DOT:

EPA:

CPSC:



Alena

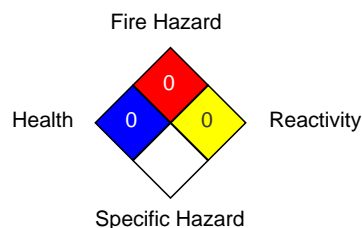
16. Other Information

Revision Date: 11/12/2013

NFPA

Health	0
Fire Hazard	0
Reactivity	0
Specific Hazard	

National Fire Protection Association (USA) NFPA



HMIS

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	

Hazardous Material Information System HMIS

Health	0
Flammability	0
Physical Hazard	0
Personal Protection	

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.