



Safety Data Sheet

Better Chemistry. Better Business

EMERALD ZERO 41

Revised: 2/26/16

1 IDENTIFICATION

Product Name: EMERALD ZERO 41

Product Code :2060101

Recommended use of the chemical and restrictions on use:Industrial applications

Hubbard-Hall Inc.

563 South Leonard Street
Waterbury, CT 06708

Telephone: 203-756-5521

Fax number: 203-756-9017

Emergency Phone Number

CHEMTREC: 1 (800) 424-9300

International: 1 (703) 527-3887

2 HAZARDS IDENTIFICATION

Hazard Category: Not a hazardous substance or mixture

Hazard Statements: Not a hazardous substance or mixture. Material intended for Industrial use. Refer to SDS for safe use and handling. Always keep this product away from children. This product may be harmful if ingested. Industrial experience has shown no significant inhalation hazard or skin irritation when good industrial hygiene practices are followed.

Prevention: Keep this product from contamination by making sure that no other products are introduced once drum is open.

Response: IN CASE OF FIRE: ALCOHOL FOAM, CO2, DRY CHEMICAL EXTINGUISHER SHOULD BE USED. FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS.

Disposal: Once container is emptied, check with local, state, or federal authorities to be sure it is suitable for reconditioning or disposal.

3 COMPOSITION INFORMATION

Chemical Name	Common Name And Synonyms	CAS No. and other Unique identifiers	Concentration %
Methyl 9-Decenoate	-	25601-46-6	>98%

4 FIRST AID

After Skin Contact:

If on skin: Wash with plenty of water. This product will dye skin use alcohol based hand sanitizer to remove dye.

After Eye Contact:

If in eyes: wash with plenty of water and get medical attention if burned or irritated.

After Ingestion:

If swallowed: Rinse mouth. Call a doctor.

Most Important Symptoms/Effects

Eye:

Irritation of eyes and skin.

5 FIRE FIGHTING MEASURES

- Suitable and Unsuitable extinguishing media:** Will not burn or support combustion. Use extinguishing media appropriate for surrounding fire, such as water spray, dry chemical, foam or carbon dioxide.
- Specific hazards arising from the chemical:** When fighting fires in areas where this product is being used in molten state, contact with water will result in violent reaction. (product used in molten state at temperature > 1000 °F)
- Special protective equipment and precautions for firefighter** Wear chemical resistant protective equipment and self contained breathing apparatus (SCBA).

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment, & Emergency Proc** na
- Methods and Materials for containment & cleaning up:** Sweep up and return to container

7 HANDLING AND STORAGE

- Precautions for safe handling:** Keep container tightly closed.
- Conditions for safe storage, inc any incompatibilities:** Store in cool dry place.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std.	TWA-8hrs	STEL - 15 min.
No hazardous ingredients			

ACGIH - American Control of Governmental Hygenists
OSHA - Occupational Safety and Health Administration

- Protective Gloves:** Butyl or neoprene gloves
- Eye Protection:** Wear chemical safety goggles with face shield.

9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear colorless liquid
- Odor:** Waxy, fruity and milky
- Odor Threshold:** N/A
- PH:** N/A
- Melting Point/Freezing Point:** N/A

Initial Boiling Point and Boiling Range:	235 °C
Flash Point:	215.6 °F
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Upper/Lower flammability or explosive limits:	N/A
Vapor Pressure:	0.098 mm Hg at 25 °C
Vapor Density:	N/A
Relative Density:	0.888
Solubility (ies):	Negligible in water
Partition Coefficient; n-octanol/water:	N/A
Auto-ignition Temperature:	482 °F
Decomposition Temperature:	N/A
Viscosity:	N/A

10 STABILITY AND REACTIVITY

Conditions to Avoid:	Contact with incompatible materials when use in molten state.
Incompatible Materials:	When in use in molten state material is incompatible with all chemicals except other heat transfer salts.

11 TOXICOLOGICAL INFORMATION

Oral Administration:	Oral (rat)-LD50->2000 mg/kg
Dermal administration:	Dermal (Rat)-LD50->2000 mg/kg
Irritation:	May cause irritation to skin and eyes.
Cancer Hazard:	Not listed by IARC, NTP, OSHA, ACGIH
Routes of Exposure	Eyes, Skin, Inhalation, Ingestion

12 ECOLOGICAL INFORMATION

Daphnia Magna,	no data available
Persistence and Degradability:	Not Available
Water result:	Disperses in water.
Soil/Sediment Result:	No data available

13 DISPOSAL CONSIDERATION

Dispose of in accordance with local, state and federal regulations.

14 TRANSPORT INFORMATION

UN Proper Shipping Name:	NOT DOT REGULATED
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15 REGULATORY INFORMATION

HMIS: Health: 1 Flammability: 1 Reactivity: 0

16 OTHER INFORMATION

Disclaimer: The information is based on our knowledge to date but does not constitute an assurance of product properties and does not imply a legal contractual relationship.