

MATERIAL SAFETY DATA SHEET

Jack's Classic ClassiCote 16-9-23

J.R. Peters, Inc.
6656 Grant Way
Allentown, PA 18106

In Case of Emergency call:
CHEMTREC: 800-424-9300
For non-Emergency calls:
1-610-395-7104

I. MATERIAL IDENTIFICATION

Product Name: ClassiCote
Analysis: 16-9-23

NFPA Hazard Ratings

Health	2	0 Least
Flammability	0	1 Slight
Reactivity	1	2 Moderate
		3 High
		4 Severe

II. HAZARDOUS INGREDIENTS

<u>MATERIAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Urea	57-13-6	None	None
Potassium Nitrate	7757-79-1	None	None
Mono-ammonium phosphate	7722-76-1	None	None
Oxides & Sulfates of Manganese	7439-96-5	None	None
Oxides & Sulfates of Copper	7440-50-8	None	None
Oxides & Sulfates of Zinc	1314-13-2	None	None

The ACGIH Threshold Limit Values for nuisance (inert) dusts containing <1% crystalline silica and no asbestos are: 10 mg/m³ total, 5 mg/m³ respirable. Product coating is expected to minimize airborne exposure.

III. FIRST AID PROCEDURES

Eyes: Flush immediately and continuously with flowing water for at least 30 minutes. Seek medical consultation if irritation persists. eyelids open. Get medical attention if irritation persists.

Ingestion: Give large quantities of water and induce vomiting. Seek medical attention.

Skin: Wash with plenty of soap and water.

Inhalation: Remove to fresh air. Treat symptomatically.

IV. HEALTH HAZARD INFORMATION

Primary Entry Route(s): Inhalation is the most significant route of exposure. Prolonged dermal exposure may cause skin irritation. Ingestion may cause stomach upset.

Target Organs: Skin, eyes, respiratory system.

Health Hazards (acute and chronic)

Oral ingestion	Moderate toxicity
Acute LD50	Unknown
Eye contact	N/A
Skin contact	Non-hazardous
Skin adsorption	N/A
Inhalation	N/A
Carcinogenicity	NTP: Negative IARC Monograph : Negative OSHA Regulated : Negative

Signs and symptoms of exposure : None

Medical conditions generally aggravated by exposure : None known

V. PERSONAL PROTECTION AND PRECAUTIONS

Personal Protective equipment

Goggles: None required for routine use as fertilizer. High airborne dust levels or mists of product dissolved in liquid may be irritating; use chemical goggles.

Gloves: None required for normal use. If prolonged or repeated use irritates skin, use neoprene or PVC gloves.

Respirator: If airborne dust levels are high or product does not remain intact, use a combination of engineering controls (e.g. ventilation) and personal protection (e.g. NIOSH/MSHA approved respirator for dusts, mists, and fumes) to reduce exposures to acceptable levels.

Workplace Considerations

Ventilation: Ventilation and personal protection are recommended whenever dust levels are high or product does not remain intact.

Safety Stations: Running water should be available in case material gets in eyes.

VI. PHYSICAL HAZARD INFORMATION

Color:	Yellow Brown Granules
Odor:	N/A
Boiling Point:	Decomposes on heating
Flash Point (method):	Decomposes on heating
Solubility in H ₂ O	Dissolves very slowly
Vapor Pressure:	Below 1
Evaporation Rate:	N/A
pH:	5.5-7.0

Reactivity

Stability: Stable in normal use and storage
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: Fire

Hazardous Decomposition Products: Nitrogen-oxides and CN gas
Chemical Incompatibilities: NaNO₃, P₂Cl₅, nitroaryl perchlorate

VII. REGULATORY INFORMATION

DOT Classification: Not DOT regulated.

VIII. STORAGE AND SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage

Store in a cool, dry area away from incompatible materials and heat sources. Store away from feed and foodstuffs, as well as household cleaning products. Wash hands with soap and water after handling product. Keep out of reach of children.

In case of spills

Avoid dusting or misting conditions during cleanup. If material is uncontaminated, collect and reuse as recommended for product. If contaminated, put in appropriate container and dispose. Keep spills away from drinking water supplies. After cleaning up spill, flush area with water.

Waste Management/Disposal

Apply as fertilizer to field. If product is contaminated, dispose of in an approved landfill disposal facility, in accordance with applicable federal, provincial, and local regulations.

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