

Baccarat™
MATERIAL SAFETY DATA SHEET



1. Product and Company Identification

Material name Baccarat™
Issue date 19Dec2014
CAS # Mixture
Supplier information Sipcam Agro USA, Inc.
2525 Meridian Parkway, Suite 350
Durham, NC 2713
919-226-1195

2. Hazards Identification

Emergency overview May be irritating to eyes.
OSHA regulatory status This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects
Routes of exposure Inhalation. Eye contact.
Eyes May cause eye irritation.
Skin Health injuries are not known or expected under normal use.
Inhalation Prolonged inhalation may be harmful. Health injuries are not known or expected under normal use.
Ingestion Health injuries are not known or expected under normal use.

3. Composition / Information on Ingredients

Components	CAS #	Percent
LEONARDITE	68525-81-5	20-40
Other components below reportable levels		60-80

4. First Aid Measures

First aid procedures
First aid procedures
Eye contact Rinse with water. Get medical attention if irritation develops and persists.
Skin contact Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

5. Fire Fighting Measures

Flammable properties The product is not flammable. No unusual fire or explosion hazards noted.
Extinguishing media
Suitable extinguishing media Water
Unsuitable extinguishing media Fog
Firefighting equipment/instructions Water. Do not use water jet as an extinguisher, as this will spread the fire. Not available.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas.
Environmental precautions	Prevent further leakage or spillage if safe to do so.
Methods for containment	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Methods for cleaning up	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

7. Handling and Storage

Never return spills in original containers for re-use. For waste disposal, see section 13 of the MSDS.

Handling	Do not use in areas without adequate ventilation. Avoid prolonged exposure. Wash thoroughly after handling. Handle and open container with care.
Storage	Keep at temperatures between -5 and 35°C. Use care in handling/storage.

8. Exposure Controls / Personal Protection

Engineering controls	Ensure adequate ventilation, especially in confined areas.
Personal protective equipment	
Eye / face protection	Avoid contact with eyes. Wear safety glasses with side shields (or goggles). Eye wash fountain is recommended. Applicable for industrial settings only.
Skin protection	Applicable for industrial settings only.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Applicable for <i>industrial settings only</i> .
General hygiene considerations	Avoid contact with eyes.

9. Physical & Chemical Properties

Appearance	Liquid
Physical state	Liquid
Form	Liquid
Color	Dark brown. Black.
Odor	Slight. Characteristic
Odor threshold	Not available
pH	3.5 - 5
Vapor pressure	2.3 kPa estimated
Vapor density	0.62 estimated
Boiling point	212 °F (100 °C) estimated
Melting point/Freezing point	32 °F (0 °C)
Solubility (water)	Dispersible
Specific gravity	1.1
Relative density	Not available
Flash point	Not available
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Auto-ignition temperature	Not available. estimated
Other data	
Density	1100.00 g/l

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	High temperatures
Incompatible materials	Not available
Hazardous decomposition products	Irritants

11. Toxicological Information

Local effects	May be irritating to eyes.
Chronic effects	Prolonged inhalation may be harmful.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Due to lack of data the classification is not possible.
Skin corrosion/irritation	Due to lack of data the classification is not possible.
Mutagenicity	Due to lack of data the classification is not possible.
Reproductive effects	Due to lack of data the classification is not possible.

12. Ecological Information

Environmental effects	Not classified as an environmental hazard.
Persistence and degradability	Not available.
Bioaccumulation / Accumulation	
Mobility in environmental media	This product is miscible in water.

13. Disposal Considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Waste from residues / unused products	Not applicable

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119. One or more components are not listed on TSCA.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2)) Not regulated.

DEA Essential Chemical Code Number Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)) Not regulated.

DEA Exempt Chemical Mixtures Code Number Not regulated.

CERCLA (Superfund) reportable quantity None

Superfund Amendments and Reauthorization Act of 1986(SARA) Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No Pressure
Hazard - No Reactivity
Hazard - No

Section 302 extremely hazardous substance No

Section 311 hazardous chemical inventory status No

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCs)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

State regulations California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

16. Other Information

Further information This safety datasheet only contains information relating to safety and does not replace any product information or product specification. HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 2
Flammability: 0
Physical hazard: 0

NFPA ratings

Health: 2 Flammability: 0
Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

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This data sheet contains changes from the previous version in section(s): Product and Company Identification: Alternate Trade Names