



TALLADIUM, INC.
SAFETY DATA SHEET
27360 W. Muirfield Lane, Valencia • California 91355
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Section 1 - Product and Company Identification

Issue Date: 09/27/2002

Review Date: 10/22/2014

Revision Date: 01/21/2005

Product Identification: Magic Sep Separating Agent

Product Class/Use: Dental Gypsum Separator

Company Name: Talladium, Incorporated

Company Address: 27360 West Muirfield Lane
Valencia, California 91355
United States of America

General Information Telephone: (661)-295-0900

Emergency Telephone: Not required by regulations.

Section 2 - Composition/Information on Ingredients

SUBSTANCE	C.A.S.	% Mixtures	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
Acetone	67-64-1	10 - 20	7.5	10
Butyl Acetate	123-86-4	10 - 18	2.0	5
Methyl ethyl ketone	78-93-3	15 - 35	2.0	5
Naphthol-2	135-19-3	15 - 40	2.0	5
Toluene	108-88-3	10 - 15	4.0	5
Mineral Spirits	8052-41-3	10 - 20	^	^

^ This material is a Non-Hazardous Substance

Section 3 - Hazards Identification, Including Emergency Overview

Hazard classification: Highly flammable; harmful; irritating (according to communitarian directive 67/548/EEC & 99/45/EC)

Inhalation: High vapor concentration may produce CNS depression – evidence by giddiness, headache, nausea

Eyes: High vapor may cause irritation, stinging, tearing and redness.

Skin: May dry skin over prolonged exposure

Ingestion: If a small amount is accidental swallowed during usage should not cause harmful effects. Swallowing a large amount may be harmful.

Section 4 - First Aid Measures

Inhalation: Remove to fresh air. If breathing is difficult seek medical attention.

Eyes: If contact occurs, flush eyes immediately with ample water for at least 15 minutes. If irritation develops, seek medical attention.

Skin: If contact occurs, wash off skin thoroughly with soap and water and rinse thoroughly. If irritation develops, seek medical attention.

Ingestion: Sip a small amount of water or milk. Do not induce vomiting. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, keep the head below the hips to prevent aspiration of liquid into lungs. Seek medical attention immediately.



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Section 5 - Fire Fighting Measures

Flammability: Flammable

Flash Point: 100°F (37.7°C)

Flammable Limits: LEL: 2.0 UEL: 12.7

Extinguishing Media: Use Carbon Dioxide (CO₂), alcohol resistant foam or dry chemical. Do not spray water.

Special Fire Fighting Procedures: None

Explosion and/or Fire Hazards: None

Section 6 - Accidental Release Measures

Spill Release Procedures:

Ventilate the contaminated area immediately and shut down all sources of ignition. Clean up with absorbent cleaning material and place waste into a tightly closed proper container and dispose in accordance with Local, State and Federal regulations.

Section 7 - Handling and Storage

Handling : Use in accordance with the instructions. Use with adequate ventilation. Avoid prolonged exposure to fumes. May cause damage to forms of plastics, rubber or castings. Do not store or use aluminum equipment at temperatures above 120°F (49°C)

Storage : Store in original sealed container a cool, dry well ventilated area away from all sources of ignition and direct sunlight.

Section 8 - Exposure Controls & Personal Protection

Ventilation: Use adequate ventilation.

Respiratory Protection: Use a NIOSH approved mask

Eye Protection: Wear safety glasses with side shields or face shield.

Skin Protection: Wear chemically resistant gloves when using for prolonged time period. Wear a Lab coat or apron.

Protective Hygiene: Wash hands thoroughly with soap and water after using product.

Section 9 - Physical & Chemical Properties

Boiling Point: 181°F (83°C)

Flash Point: 45°F (7.2°C)

Flammable: Yes

Specific Gravity: 0.83

Solubility in Water: Insoluble (in water)

Appearance: Milky Liquid

Odor: Slight odor

Section 10 - Stability & Reactivity Data

Stability: Stable

Incompatibility: Strong oxidizing agents. Do not store or use aluminum equipment at temperatures above 120°F (49°C).

Conditions to Avoid: Contact with strong oxidants. Keep away from open flames, sparks and all heat sources.

Hazardous Decomposition Products: Carbon oxide and non-identified organic components may appear when the product burns.



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Section 11 - Toxicological Information

Toxicological Information: None available

Inhalation: Prolonged exposure to fumes may cause breathing problems

Eyes: Will cause irritation

Skin: May cause slight skin irritation

Ingestion: May cause nausea

Section 12 - Ecological Information

Ecological Information: This product has no known ecological hazardous effects

Section 13 - Disposal Considerations

Waste Disposal Methods: Follow all federal, state, and local regulations.

Section 14 - Transport Information

	<u>Sea (IMDG)</u>	<u>Air (ICAO/IATA)</u>	<u>Road/Railway (RID/ADR)</u>
UN number:	1993	1993	1993
Class:	3	3	3
Packing group:	II	II	II
EMS-NO:	F-E, S-E		
Hazard identification n°:			33
Label:		3 (Flammable liquid)	3
Stowage / segregation:	Category (B)		
Limited Quantity:	1 Lt	1 Lt (Passenger) 60 Lt (Cargo)	LQ 4 (3lt/30Kg for combined, 1lt/20Kg for trays/pallets)
Proper shipping name:	Flammable liquid, n.o.s.	Flammable liquid, n.o.s.	Flammable liquid, n.o.s.

Section 15 - Regulatory Information

(Classification according to communitarian directives 67/548/EEC & 99/45/EC)

Risk phrases:

11 Highly flammable
65 Harmful / may cause lung damage
36 Irritating to eyes
67 Vapors may cause drowsiness and dizziness

Safety phrases:

2 Keep out of the reach of children
16 Keep away from sources of ignition
23 Do not breath vapor
24/25 Avoid contact with eyes and skin
62 If swallowed do not induce vomiting seek medical attention immediately and show container label to physician

Section 16 - Other Information

The information and recommendations above are believed to be accurate and represent the best information currently available to us. The person receiving the above material should make their own determination as to the suitability for their use. Talladium makes no warranty expressed or implied with respect to this information and assumes no liability resulting from its use.