



**TALLADIUM, INC.
SAFETY DATA SHEET**

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Section 1 - Product and Company Identification

Issue Date: 09/27/2002

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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

GHS CLASSIFICATIONS

Health: Eye Irritation, Category 2

Narcotic Effects, Category 3

Physical: Flammable Liquids, Category 2

SIGNAL WORD: Danger



GHS LABEL ELEMENTS

HAZARD STATEMENTS

H226: Flammable liquid and vapor.

H305: May be harmful if swallowed and enters airways

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H373: May cause damage to organs through prolonged or repeated exposure

PRECAUTIONARY STATEMENTS

P210: Keep away from heat/sparks/open flames & hot surfaces - no smoking.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P233: Keep container tightly closed.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.



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P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash skin and hands thoroughly after handling.

Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact Lenses if present and possible. Continue rinsing.

P312: Call POISON CENTER or doctor/physician if you feel unwell.

P303+P361+P353: If on skin (or hair): Remove all contaminated clothing. Rinse skin with water/shower. P304+P340: If inhaled: Remove to fresh air and keep at rest in a position comfortable for breathing.

STORAGE:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

DISPOSAL:

Dispose of contents and container in accordance with all local, regional, national and International regulations.

SUPPLEMENTAL LABEL ELEMENTS:

Avoid contact with skin and clothing. Wash thoroughly after handling.

Hazards not otherwise classified:

Prolonged or repeated contact may dry skin and cause irritation.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Clear, colorless liquid.

IMMEDIATE CONCERNS: R/36/37/38: Irritating to eyes, respiratory system and skin.

POTENTIAL HEALTH EYES:

Severely irritating. If not removed promptly, will injure eye tissue, which may result in permanent damage.

SKIN: Prolonged or repeated contact may cause skin irritation.

INGESTION: Ingestion may cause headache, dizziness, fatigue and CNS depression.

INHALATION: May cause headaches and dizziness.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye and skin disorders or lung allergies may be aggravated by exposure.

ROUTES OF ENTRY: Inhalation or direct contact with skin or eyes.

IRRITANCY: Irritating to eyes, respiratory system and skin.

SENSITIZATION: May cause allergic skin reaction.

HEALTH HAZARDS: Danger of cumulative effects.

PHYSICAL HAZARDS: Flammable liquid and vapor. Harmful if swallowed or inhaled. Causes irritation to skin, eyes and respiratory tract. Affects CNS.

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.

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



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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.

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



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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)

<u>Risk phrases:</u>		<u>Safety phrases:</u>	
11	Highly flammable	2	Keep out of the reach of children
65	Harmful / may cause lung damage	16	Keep away from sources of ignition
36	Irritating to eyes	23	Do not breath vapor
67	Vapors may cause drowsiness and dizziness	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.