

Material Safety Data Sheet

0360 Plaster of Paris
0361 Plaster of Paris

MSDS No. 0012 Rev. 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

PRODUCT NAME Plaster of Paris – White Powder
MANUFACTURER'S NAME & TELEPHONE NUMBER Red Devil, Inc. (918)825-5744
STREET ADDRESS 4175 Webb Street
CITY / STATE / ZIP Pryor, Oklahoma 74361

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

	%	TLV	PEL	UNITS
PRODUCT CONSISTS OF:				
Calcium Sulfate (7778-18-9)	100	10**	15	mg/m3
Non-hazardous ingredients*	0	NE	NE	

*Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** TWA.
Calculated VOC: 0%/wt, 0 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (Sec 16).

SECTION 3 – HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY Skin Contact Skin Absorption Eye Contact Inhalation Ingestion

EMERGENCY OVERVIEW WARNING: Causes irritation to skin, eyes & respiratory tract. May be harmful if swallowed.

EFFECTS OF OVEREXPOSURE Eye Contact: Causes irritation, redness & pain. Skin Contact: Causes irritation, redness, pain. Inhalation: Causes irritation to respiratory tract. Ingestion: May cause obstruction in stomach, as it hardens w/ moisture. Chronic Exposure: None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE No information found.

SECTION 4 – FIRST AID MEASURES

SKIN CONTACT Immediately flush skin w/ plenty of water for @ least 15 minutes, while removing contaminated clothing & shoes. Seek medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.

EYE CONTACT Immediately flush eyes w/ plenty of water for @ least 15 minutes, lifting lower & upper eyelids occasionally. Seek medical attention immediately.

INHALATION Remove to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Seek medical attention.

INGESTION INDUCE VOMITING IMMEDIATELY as directed by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention. Note to Physician: Drinking glycerin, gelatin solutions or large volumes of water may delay the hardening of calcium sulfate in the stomach. Surgical relief of obstruction, particularly @ the pylorus, may be necessary.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE Yes No Not considered to be a fire hazard.

EXTINGUISHING MEDIA Use any means suitable for extinguishing surrounding fire.

FLASHPOINT (°F) & METHOD Material noncombustible. UPPER EXPLOSIVE LIMIT (% BY VOLUME) NA

LOWER EXPLOSIVE LIMIT (% BY VOLUME) NA AUTOIGNITION TEMPERATURE (°F) NA

UNUSUAL FIRE & EXPLOSION HAZARDS None known.

SPECIAL FIREFIGHTING PROCEDURES In event of a fire, wear full protective clothing & NIOSH-approved self-contained breathing apparatus w/ full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PROCEDURES Ventilate area. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up & containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust.

SECTION 7 – HANDLING & STORAGE

HANDLING PROCEDURES & EQUIPMENT Keep in a tightly closed container. Protect against physical damage. Containers of this material may be hazardous when empty, since they retain product residues. Observe warnings/precautions list

STORAGE REQUIREMENTS Cool, dry, ventilated area.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY Use NIOSH type N95 or better filters, if exposure limit exceeded & engineering controls not feasible.

EYEWEAR Use chemical safety goggles. Maintain eye wash fountain & quick-drench facilities in work area.

CLOTHING / GLOVES Wear protective gloves & clean body-covering clothing.

HYGENIC PRACTICES Take appropriate measures to prevent all contact. Wash thoroughly before breaks & after workday.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Granules or powder ODOR & APPEARANCE Odorless powder or granules.

SPECIFIC GRAVITY Approximately 2.5 VAPOR DENSITY (AIR=1) NE

EVAPORATION RATE NE BOILING RANGE (°F) NE

pH NE SOLUBILITY IN WATER Slight, 0.3 g per 100 g water @ 77F.

VAPOR PRESSURE (MM Hg) NE % VOLATILES BY VOLUME Approximately 0

SECTION 10 – STABILITY AND REACTIVITY

STABILITY Yes No Stable under ordinary conditions of use & storage. Very hygroscopic.

INCOMPATIBILITY Yes No Diazomethane, aluminum, phosphorous.

CONDITIONS TO AVOID Air, moisture & incompatibles.

HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS Hazardous polymerization will not occur. Hazardous Decomposition: Burning may produce sulfur oxides.

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

ACGIH	Small % of Crystalline Silica may be present in base material.
OSHA	Small % of Crystalline Silica may be present in base material.
IARC	<u>IARC Category</u> : None. Small % of Crystalline Silica may be present in base material.
NTP	<u>NTP Carcinogen</u> : <u>Known</u> : No. <u>Anticipated</u> : No. Small % of Crystalline Silica may be present in base material.
DATA WITH POSSIBLE RELEVANCE TO HUMANS	Crystalline Silica is known to the State of California to cause cancer.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY	<u>Environmental Fate</u> : No information found. <u>Environmental Toxicity</u> : No information found>
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SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261)	Whatever cannot be saved for recovery or recycling should be managed in an appropriate & approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State & local disposal regulations may differ from federal. Dispose of container & unused contents in accordance w/ federal, state & local requirements.
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SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION	Not regulated.
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SECTION 15 – REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY	<u>CERCLA</u> : No. <u>SARA 311/312</u> : Acute: Yes. Chronic: No. Fire: No. Pressure: No. Reactivity: No.	U.S. STATE REGS	See Section 16.
SARA 313	No.	TSCA	All ingredients of this material listed on TSCA Inventory. TSCA 8 (d): No. TSCA 12 (b): No.

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

Additional Chemical Inventory Status: EC: Yes. Japan: Yes. Australia: Yes. Korea: Yes. DSL: Yes. NDSL: No. RCRA: (261.33): No. Chemical Weapons Convention: No. CDTA: No. Australian Hazchem Code: None allocated. Poison Schedule: None allocated. WHMIS: MSDS prepared according to hazard criteria of Controlled Products Regulations (CPR) & MSDS contains all information required by CPR. NFPA Ratings: Health: 1. Flammability: 0. Reactivity: 0. Small % of Crystalline Silica may be present in base material, known to the State of California to cause cancer.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act, CPR – Controlled Products Regulations.

Reviewed By

Larry Brandon
NAME

Vice President Technology & General Manager
TITLE

March 11, 2009
DATE

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