

Epsom Salt USP (USP Grade Epsom Salt) – Bath Salts

Technical Data Sheet

(Certificate of Analysis & Authenticity – Certificate of Origin - Safety Data Facts)

Product Description: United States Pharmacopeia grade Magnesium Sulfate crystals.
Country of Origin: USA
Appearance & Odor: Small colorless and odorless rhombic crystals.
Solubility: Soluble in water.
Grain Size: Medium (0.2 – 3mm)
Ingredients: Magnesium Sulfate Heptahydrate
Uses: Bath, scrub, spa & shower applications. Commonly used for floatation tanks, isolation tanks, deprivation tanks, and floatation therapy. *This product is not intended for human consumption.
Additives: None. Contains no anti-caking agents, free-flowing additives or conditioners.
Allergen Declaration: This product is allergen and gluten free.
BSE/TSE Declaration: Salt is free from BSE (Bovine Spongiform Encephalopathy) and TSE (Transmissible Spongiform Encephalopathy). Salt is not produced from any animal product, contains no meat product, and does not come in contact with meat products.
GMO Declaration: Salt is GMO (Genetically Modified Organism) free and is processed in a controlled environment eliminating GMO contamination.
Kosher Certified: Product is certified Kosher Parve by Vaad Hakashrus of Northern California.
Quality Manufacturing System: San Francisco Salt Company facility is registered and inspected by the State of California. Our quality system and processes follows State and Federal guidelines ensuring a safe and consistent product to our consumer.
Packaging: <ul style="list-style-type: none"> Standard Bag Size Options: Retail 5lb, 10lb and 20lb re-sealable poly bags, and 50 lb bulk bag. Pallets orders: 40" x 48" pallets. NMFC freight code 46260-01. Freight Class 50. Weight and height based upon packaging requirements.
Storage recommendations: Store in a cool, dry place. Avoid moisture and humidity. Shelf life: 10 year as long as salt is stored in a well-sealed container in a cool, dry environment.

Chemical Analysis	
Parameters	Result
Test of Magnesium	Positive
Test of Sulfate	Positive
pH	5.0 – 9.2
Loss of ignition	40.0% - 52.0%
Chloride, max	0.0014%
Arsenic, max	0.0003%
Heavy Metals, max	0.001%
Iron, max	0.002%
Selenium, max	0.003%
MgSO4 (Anhydrous wt.)	99.0 – 100.5 %
MgSO4 (As is basis)	48.3 – 52 %
The chemical analysis above is in accordance to specifications required by United States Pharmacopeia 34. Consistently free of volatile organic impurities.	
Guaranteed Analysis	
Magnesium, min	9.8 %
Magnesium (water soluble mg)	9.8%
Sulfur	12.9 %
Expressed as the elements derived from magnesium Sulfate Heptahydrate.	
Bulk density (approximate) 65 lb/ft ³ , +/- 3lb/ft ³	
MSDS Summary	
Hazards Identification: Not classified as hazardous material. No exposure limits have been established by OSHA. Possible dust irritation.	
First Aid Measures: <ul style="list-style-type: none"> Symptoms: This substance is not considered toxic or dangerous, though care should be taken during use and any questions referred to medical personnel. Skin: None. Eyes: Normal eye protection. Possible dust irritation. Wash with warm water for at least 15 minutes (open eyes). Ingestion: May produce bowel movements. If swallowed contact physician. Contact physician if large amounts are ingested before inducing vomiting. Inhalation: Possible dust inhalation. Leave dust area for fresh air 	
Fire-Fighting Measures: Substance is non-flammable. Proper breathing equipment for fire-fighting. Extremely high temperatures may produce sulfur trioxide and sulfur dioxide.	
Accidental Release Measures: No special measures required.	

Please Note: All of the statements and technical data herein this document are based on manufacturer laboratory results or independent laboratory results, and without express guarantee, warranty or responsibility we believe the same to be reliable and true. Submission and receipt of this certificate does not preclude the purchaser or manufacturer from testing this item in the application it will be used in. Application of this product should be tested to assure suitability in the final product.



[Signature]

Certified by San Francisco Salt Company Quality Manager 5/20/2012
Title Date

Customer	Invoice Date	Invoice #	Batch/Lot #