

SAFETY DATA SHEET

Humco Holding Group, Inc.
 7400 Alumax Dr
 Texarkana TX 75501 USA
 800-662-3435
 cs@humco.com
 www.humco.com

24-Hour Emergency Number (CHEMTREC)
 USA- 800-424-9300
 International – 703-527-3887

All non-emergency calls should be directed to
 Customer Service at 800-662-3435

NAME: SULFUR SUBLIMED POWDER, USP

SDS NO. 2799

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sulfur Powder

Synonyms: Sulphur Powder, Flowers of Sulfur

Recommended Use: Use in compounding preparations for acne, psoriasis and sever skin disorders.

Manufacturer by: Humco Holding Group, Inc.

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2. HAZARD IDENTIFICATION

Pictogram:	
Classification:	Flammable Solid
Signal Word:	Warning
Hazard Statements:	Irritant

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
SULFUR	7704-34-9

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	May be harmful if inhaled. Material may be irritating to the mucous membranes and upper respiratory tract.	Move person to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion	May be harmful if swallowed	Do not induce vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention.
Skin	May cause irritation	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash with soap. Get medical attention.
Eyes	Causes eye irritation	In case of eye contact, rinse with plenty of water and get medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point:	204° C
Auto Ignition:	232° C
Extinguishing Media:	Product is flammable. Use appropriate media for adjacent fire. For a small fire, use dry chemical powder. For a large fire, use water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, auto-ignition or explosion.
Products of Combustion:	Emits toxic fumes (sulfur dioxide) under fire conditions.
Fire Fighting Equipment and Procedures:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label instructions.
Environmental Precautions:	Do not let product enter drains. Any release to the environment may be subject to federal/national or local reporting requirements.
Method of Containment:	Carefully sweep up and remove.
Method for Clean-Up:	Small dry spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Large Spills: Wet down with water and dike for later disposal.

7. HANDLING AND STORAGE

Handling:	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. May form flammable dust-air mixtures. Avoid contact with eyes, skin clothing. Empty containers contain product residue, (liquid and/or vapor), can be dangerous. Keep container tightly closed. Keep away from heat, sparks, and flame. Use adequate ventilation. Do not pressurize, cut, weld, braze, solder, drill grind or expose empty containers to heat, sparks or open flames.
Storage:	Keep away from heat, sparks and flames. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool dry well-ventilated area away from incompatible substances.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local explosion-proof ventilation to keep airborne levels to acceptable levels.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations.
Skin Protection:	Wear appropriate gloves to prevent skin exposure.
Respiratory Protection	A respiratory protection program that meets OSHA's requirements should be followed.
General Hygiene Considerations:	Always follow good hygienic practices. Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Yellow Powder	Upper/Lower Flammability:	Upper 6.83% Lower 0.17%
Odor:	Faint Odor, rotten egg like	Vapor Pressure	10 hPa (8mmHg) at 246° C
Odor Threshold:	Not Determined	Vapor Density:	Not Determined
pH:	Not Determined	Relative Density:	2.05 g/cm ³ at 20° C
Melting point /Freezing Point:	118 - 120° C	Solubilities:	Insoluble
Boiling point/range:	435° C	Partition coefficient: n-octanol/water:	Not Determined
Flash point	204° C	Auto-ignition temperature	232° C
Evaporation rate	Not Determined	Decomposition Temperature:	Not Determined
Flammability:	Flammable	Viscosity	Not Determined

10. STABILITY AND RACTIVITY

Reactivity:	Not reactive
Chemical Stability:	Stable
Possibility of Hazardous reactions:	Will not occur
Conditions to Avoid:	Excessive heat, ignition sources
Incompatible materials:	Alkali and Alkaline earth metals (sodium, potassium, lithium, calcium and magnesium metals), oxidizers, ammonia.
Hazardous Decomposition Products:	Sulfur Oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not Determined
Skin irritation:	Not Determined
Eye contact damage:	Not Determined
Respiratory damage:	Not Determined
Ingestion overdose:	Not Determined
Delayed, immediate, or chronic effects from short- and long-term exposure	Not Determined
LD50	Not Determined
Symptoms associated with exposure:	Not Determined
Carcinogenicity:	
OSHA:	Not Determined
NTP:	Not Determined
IARC:	Not Determined

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not Determined
Chemical degradation:	Not Determined
Biodegradation:	Not Determined
Bioaccumulation potential	Does not accumulate.
Adsorption studies or leaching studies:	Not Determined
Other adverse effects	Not Determined

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Flammable Solid
UN number:	UN1350
UN proper shipping name:	Sulfur
Transport hazard class(es):	9
Packing group number:	III
Environmental hazards:	Not Determined
Special precautions:	Not Determined

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.

