

Section 1. Product and Company Identification

Product Name Dapsone
CAS Number 80-08-0

Parchem - fine & specialty chemicals
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CHEMTEL
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Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

Acute toxicity, Oral (Category 4)

GHS Label Elements

Pictograms:



Signal word: Warning

Hazard and precautionary statements

Hazard statement(s): H302: Harmful if swallowed.

GHS Classification: Acute toxicity, Oral (Category 4)

Precautionary statement(s)

P264: Wash skin thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P301 + P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330: Rinse mouth.

P501: Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC) or not covered by GHS: None



Section 3. Composition / Information on Ingredients

Common Name Dapsone
Synonym(s) 4,4'-Diaminodiphenyl sulfone; 4-Aminophenyl sulfone; Diaphenylsulfone
Formula $C_{12}H_{12}N_2O_2S$
CAS Number 80-08-0

COMPONENT	CAS NUMBER	CONCENTRATION
Dapsone	80-08-0	98%

Section 4. First Aid Measures

General information: Immediately remove any clothing contaminated by the product. Move out of dangerous area. Consult a physician and show this safety data sheet.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical aid.

Skin contact: Immediately flush skin with running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Obtain medical aid immediately.

Eye contact: Immediately flush open eyes with running water for at least 15 minutes. Obtain medical aid immediately.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.

Most important symptoms and effects, both acute and delayed: No further information available. Please see headings 2 and 11. Indication of any immediate medical attention and special treatment needed: No further information available.

Section 5. Firefighting Measures

Suitable extinguishing media: Use water spray, dry chemical, carbon dioxide, or chemical foam.

Specific hazards arising from the chemical: Nitrogen oxides, Sulfur oxides, Carbon oxides

Advice for firefighters: As in any fire, wear a MSHA/NIOSH-approved or equivalent, pressure-demand, self-contained breathing apparatus and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear protective equipment and keep unprotected personnel away. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leak or spill if safe to do so. For personal protective equipment, please refer to heading 8.

Environmental precautions: Do not let product enter drains, other waterways, or soil.



Methods and materials for containment and cleaning up: Prevent further leak or spill if safe to do so. Vacuum, sweep up, or absorb with inert material and place into a suitable disposal container. Consult local regulations for disposal.

Section 7. Handling and Storage

Precautions for safe handling: Avoid contact with skin, eyes, and personal clothing. Wash hands thoroughly after handling. Avoid breathing fumes. Use only with adequate ventilation. Wear suitable protective clothing, gloves, and eye/face protection. Keep away from sources of ignition. Minimize dust generation and accumulation. Keep container tightly closed. Open and handle container with care. Do not eat, drink, or smoke while handling.

Conditions for safe storage, including any incompatibilities: Store in a tightly-closed container when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition. Light sensitive.

Section 8. Exposure Controls / Personal Protection

Exposure limits

OSHA PEL: No data available.

NIOSH REL: No data available.

ACGIH TLV: No data available.

Appropriate engineering controls: Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate ventilation to keep airborne concentrations low.

Personal protection

Eyes: Wear chemical splash goggles.

Hand: Wear protective gloves.

Skin and body: Wear protective lab coat and boots.

Respiratory: Use NIOSH/MSHA or CEN approved respirator.

Section 9. Physical and Chemical Properties

Physical State: White to beige crystalline powder

Molecular Formula: C₁₂H₁₂N₂O₂S

Molecular Weight: 248.3

Odor: No data available.

pH: No data available.

Boiling Point Range: No data available.

Freezing/Melting Point: 173-181°C

Flash Point: No data available.

Evaporation Rate: No data available.



Flammability (solid, gas): Please see section 2.

Explosive limits: No data available.

Vapor Pressure: No data available.

Vapor Density: No data available.

Solubility: No data available.

Relative Density: No data available.

Refractive Index: No data available.

Volatility: No data available.

Auto-ignition temperature: No data available.

Decomposition Temperature: No data available.

Partition Coefficient: No data available.

Section 10. Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under recommended temperatures and pressures.

Possibility of hazardous reactions: No data available.

Conditions to avoid: Dust generation. Light.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Nitrogen oxides, Sulfur oxides, Carbon oxides

Section 11. Toxicological Information

RTECS# BY8925000

Acute toxicity: No data available.

Routes of exposure: Inhalation, eye contact, skin contact, ingestion.

Symptoms related to the physical, chemical and toxicological characteristics: Skin contact may result in inflammation characterized by itching, scaling, reddening, blistering, pain or dryness. Eye contact may result in redness, pain or severe eye damage. Inhalation may cause irritation of the lungs and respiratory system. Overexposure may result in serious illness or death.

Carcinogenicity

IARC: Group 3 - Not classifiable as to its carcinogenicity to humans.

NTP: Not listed.

OSHA: Not listed.

Acute toxic effects: Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.



Section 12. Ecological Information

Ecotoxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

UN number: Not applicable.
Proper shipping name: Not applicable.
Transport hazard class(es): Not applicable.
Packing group: Not applicable.

IATA

UN number: Not applicable.
Proper shipping name: Not applicable.
Transport hazard class(es): Not applicable.
Packing group: Not applicable.

Section 15. Regulatory Information

TSCA Chemical Inventory: This product is on the EPA Toxic Substance Control Act (TSCA) inventory. The product is supplied solely for use in research and development by or under the supervision of a technically qualified individual as defined in 40 CFR 720 et seq. The health risks have not been fully determined. Any information that is or becomes available will be supplied on an SDS sheet.

California Proposition 65: Not listed.

EC#: 201-248-4

NFPA rating:

Health:	0
Flammability:	0
Instability:	0



Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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