



Safety Data Sheet

Sample Name: ABC DRY POWDER

Effective Date: 2017-9-8

Compiler: 王军

Checker: 王军

Approver: 王军





Safety Data Sheet

ABC DRY POWDER

1. Product and Manufacturer Identification

Product name	ABC DRY POWDER; ABC POWDER		
Article number	3813001000		
Manufacturer/Supplier	FOSHAN HUAHAO CHEMICAL CO., LTD		
Address	No. 37 Foluo Road, Chancheng District, Foshan, Guangdong, China		
Telephone	+86-757-82835005	Fax.	+86-757-82835005
Email	office@foshandh.com	Post code	528000
MSDS No.	2017008408 bE	Effective date	September 8, 2017
Emergency phone	+86-13590622347	Contact person	Zheng Jajia

2. Hazards Identification

GHS Hazard Class	Carcinogenicity (Category 1); Specific target organ toxicity-Repeated exposure (Category 1).
Pictogram and Signal word	 Danger
Hazard statement(s)	H350 May cause cancer <inhalation>. H372 Cause damage to organs <lung> through prolonged or repeated exposure <inhalation>.
Precautionary statement(s)	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308 + P313 IF exposed or concerned: Get medical advice/attention. P314 Get medical advice/attention if you feel unwell. P405 Store locked up. P501 Dispose of contents/container to a licensed disposal company.
Explosion hazards	Not considered to be an explosion hazard.



3. Composition/Information on Ingredients

Component	Range % by Wt.	CAS No.
Ammonium dihydrogen phosphate	90	7722-76-1
Silicon dioxide	9	14808-60-7
Poly(methylhydrosiloxane)	1	63148-57-2

4. First Aid Measures

Skin contact	Rinse with plenty water. If experiencing skin symptoms, consult a physician.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If experiencing eye symptoms, consult a physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms, consult a physician.
Ingestion	Give large quantities of water and rinse mouth. If feel unwell, consult a physician.

5. Fire Fighting Measures

Types of hazard	Not considered to be a fire hazard.
Hazardous combustion products	Ammonia, nitrogen oxides and some other toxic or irritating fumes.
Fire-fighting measures	Use any means suitable for extinguishing surrounding fire. Suitable extinguishing medial: Water spray, dry powder, sand, water-resistant foam, etc.
Special Information	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Isolate the hazard area and keep unnecessary and unprotected personnel from entering.
Avoid dust formation. Avoid breathing dust. Wear appropriate personal protective equipment.
Sweep up and containerize for reclamation or disposal. Flush the contaminated area with plenty water.

7. Handling and Storage Measures

Handling	Use with adequate ventilation. Minimize dust generation and accumulation. Do NOT eat, drink or smoke. Wash skin thoroughly after handling.
Storage	Stored in a cool, dry, ventilated area. Keep container tightly closed.



8. Exposure Controls / Personal Protection

Occupational exposure limits	8 mg/m ³ TWA(total) (China) 16 mg/m ³ STEL(total) (China) 2.7 mg/m ³ TWA(total) (OSHA) 0.9 mg/m ³ TWA(resp) (OSHA)
Engineering controls	Facilities storing or utilizing this substance should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.
Inhalation protection	Use self-absorption filter type dust masks.
Eye protection	Use chemical safety goggles.
Skin protection	Wear protective gloves and clean body-covering clothing.
Other protection	No information.

9. Chemical and Physical Properties

Appearance and odor	Light yellow powder, odorless.
pH	Not applicable.
Density	0.85 kg/m ³ ~ 0.92 kg/m ³
Flammability	Not classified as flammable solid.
Auto-ignition temperature	No data available.
Solubility	Partly soluble in water.
Explosive properties	Not classified as explosive substance.
Oxidizing properties	Not classified as oxidizing substance.
Main purpose	To extinguish Class A/B/C fires.
Other properties	No data available.

10. Stability and Reactivity

Stability	Stable under ordinary conditions of use and storage.
Incompatibilities	Acids, bases and strong oxidizing agents.
Conditions to avoid	No data available.
Hazardous polymerization	No data available.
Hazardous decomposition	When exposed to high heat/fire, ammonia, nitrogen oxides and some other toxic or irritating fumes may be generated by thermal decomposition.



11. Toxicological Information

Acute toxicity	Ammonium dihydrogen phosphate (CAS No. 7722-76-1): LD50 - Oral - Rat - >2000 mg/kg; LD50 - Dermal - Rat - >5000 mg/kg;
Skin irritation/corrosion	Ammonium dihydrogen phosphate (CAS No. 7722-76-1): Not irritating.
Eye damage/irritation	Ammonium dihydrogen phosphate (CAS No. 7722-76-1): Not irritating.
Respiratory or skin sensitization	No data available.
Reproductive cell mutagenicity	No data available.
Carcinogenicity	The following component is listed in IARC (International Agency for Research on Cancer) Category: Silica dust, crystalline, in the form of quartz or cristobalite (CAS:14808-60-7)-Group 1.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	Silica dust, crystalline, in the form of quartz or cristobalite (CAS: 14808-60-7): Specific target organ toxicity-Repeated exposure (Category 1).
Aspiration hazard	No data available.
Health hazards	Skin Contact: No adverse health effects expected. Eye Contact: May cause mild irritation, possible reddening. Inhalation: Cause irritation to the respiratory tract. Cause damage to lung through prolonged or repeated exposure. Ingestion: May cause mild irritation to the gastrointestinal tract.
Other toxicity	No data available.

12. Ecological Information

Ecological toxicity	This substance is not expected toxic to aquatic life.
Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility in soil	No data available.
Others	No data available.

13. Disposal Information

Disposal measures	Dispose of contents/container to a licensed disposal company.
Notes	Local disposal regulations may differ from Chinese regulations. Dispose in accordance with local country or state.



14. Transportation Information

Regulations	IATA DGR	IMDG Code
UN No.	Not regulated.	Not regulated.
Proper Shipping Name	Not regulated.	Not regulated.
Hazard Class	Not regulated.	Not regulated.
Packing Group	Not regulated.	Not regulated.
Packing Method	Not regulated.	Not regulated.
Environmental hazards	This substance is not restricted as environmentally hazardous substance/marine pollutants.	
Notes	Not regulated.	

15. Regulatory Information

Domestic authority regulations:

Regulations on the Safety Administration of Dangerous Chemicals (2011).

This substance is listed in General rule for classification and hazard communication of chemicals (GB 13690-2009).

International Regulations:

Commission Regulation (EC) No. 1907/2006 (REACH) and its amendments.

Commission Regulation (EC) No. 1272/2008 (CLP) and its amendments.

Waste Framework Directive 2008/98/EC and its amendments.

Toxic Substance Control Act (TSCA).

16. Other Information

According to	Safety Data Sheet for Chemical Products-Content and Order of Sections (ISO 11014: 2009)
Issue date	September 8, 2017
Prepared by	Department of Physical Properties Test, China National Analytical Center, Guangzhou
Checked by	Business Department, China National Analytical Center, Guangzhou
Other information	—



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