

Issue Date: 28-Mar-2016

Revision Date: 21-Apr-2022

Version 1

1. IDENTIFICATION

Product Identifier

Product Name AG-WD Penetrant Developer Powder

Other means of identification

SDS # AGC-267

Product Code AG-WD

Other Information Package type: Fiber Drums

Recommended use of the chemical and restrictions on use

Recommended Use Penetrant Developer for Leak Detection

Details of the supplier of the safety data sheet

Manufacturer Address

AMERICAN GAS & CHEMICAL COMPANY, LTD
220 Pegasus Avenue
Northvale NJ 07647

Emergency Telephone Number

Company Phone Number Phone: 201-767-7300 Fax: 201-767-1741

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White Powder

Physical State Powder

Odor Odorless

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

No components need to be disclosed according to the applicable regulations.

4. FIRST-AID MEASURES

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call physician.

Skin Contact In case of contact, wash skin thoroughly with soap and water. Remove any contaminated clothing and wash before reuse. If skin irritation persists, call a physician.

Inhalation May be irritant. Remove from area.

Ingestion If ingested, do not induce vomiting. Call a physician immediately.

Most important symptoms and effects

Symptoms May cause eye and skin irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam, dry chemical, CO2, water spray or fog.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Product is not flammable or combustible.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool exposed containers with water spray. Avoid breathing vapor or fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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| Personal Precautions | Avoid dust formation. Avoid breathing vapors, mist or gas. |
| For Emergency Responders | Follow applicable OSHA regulations (29 CFR 1910.120). |
| Environmental Precautions | Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. |

Methods and material for containment and cleaning up

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| Methods for Containment | Absorbent such as sand, sawdust, etc. to spill area. |
| Methods for Clean-Up | Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see section 13 of the SDS. |

7. HANDLING AND STORAGE

Precautions for safe handling

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| Advice on Safe Handling | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed. |
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Conditions for safe storage, including any incompatibilities

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| Storage Conditions | Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants. |
| Incompatible Materials | None known based on information supplied. |

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

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| Engineering Controls | General industrial hygiene practice. |
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Individual protection measures, such as personal protective equipment

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| Eye/Face Protection | Use splash goggles or face shield when contact may occur. |
| Skin and Body Protection | Use non-absorbent gloves, if needed, to avoid prolonged or repeated skin contact. |
| Respiratory Protection | None required under normal use. |
| General Hygiene Considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Powder	Odor	Odorless
Appearance	White powder	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	Not determined		
Melting Point/Freezing Point	300°C (572°F)		
Boiling Point/Boiling Range	None		
Flash Point	None		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Upper Flammability Limits	Not determined		
Lower Flammability Limit	Not determined		
Vapor Density	Not determined	(Air=1)	
Relative Density	2.42 g/cm ³		
Water Solubility	Insoluble		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Auto-ignition Temperature	Not determined		
Decomposition Temperature	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong Acids

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	May cause temporary irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Ingestion	May cause discomfort if swallowed.

Component Information

Oral LD50	Dermal LD50	Inhalation LC50
= 2000 mg/kg (Rat)	No data available	No data available

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	None reported
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Numerical measures of toxicity	Not determined
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12. ECOLOGICAL INFORMATION

<u>Ecotoxicity</u>	Toxicity to fish	semi-static test NOEC – Salmo trutta - >0.07 mg/l – 96h
	Toxicity to daphnia and Other aquatic invertebrates	static test NOEC – Daphnia magna (water flea) - >0.005 mg/l – 48h
	Toxicity to algae	static test NOEC – Pseudokirchneriella subcapitata (algae) >0.004 mg/l – 72h

Component Information

<u>Persistence/Degradability</u>	Not determined.
<u>Bioaccumulation</u>	Not determined.
<u>Mobility</u>	Not determined
<u>Other Adverse Effects</u>	Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
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US Federal Regulations

<u>SARA 313</u>	This material does not contain any chemical components with known CAS numbers that exceed the threshold (DeMinimis) reporting levels established by SARA Title III, Section 313.
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U.S. State Right-to-Know Regulations

New Jersey	Massachusetts	Pennsylvania	California
Aluminium hydroxide CAS-No. 21645-51-2	No components are subject to the Massachusetts Right to Know Act.	Aluminium hydroxide CAS-No. 21645-51-2	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	0	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	0	0	B- Safety Glasses, Gloves

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Revision Note:	3-Year Update

Disclaimer

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End of Safety Data Sheet