

AMERICAN GAS AND CHEMICAL COMPANY,LTD -- FLAW-FINDER AG-4B-FS PENETRANT --  
6850-01-268-6695

===== Product Identification =====

Product ID:FLAW-FINDER AG-4B-FS PENETRANT  
MSDS Date:06/30/1996  
FSC:6850  
NIIN:01-268-6695  
MSDS Number: CDJSZ  
=== Responsible Party ===  
Company Name:AMERICAN GAS AND CHEMICAL COMPANY,LTD  
Address:220 PEGASUS AVENUE,  
City:NORTHVALE  
State:NJ  
ZIP:07647-1904  
Country:US  
Info Phone  
Num:800-526-1008  
Emergency Phone Num:800-526-1008/201-767-7300  
Preparer's Name:ELENA FROST, SR CHEMIST  
CAGE:03530

=== Contractor Identification ===  
Company Name:AMERICAN GAS AND CHEMICAL COMPANY,LTD  
Address:220 PEGASUS AVENUE,  
City:NORTHVALE  
State:NJ  
ZIP:07647-1904  
Country:US  
Phone:201-767-7300  
CAGE:03530

===== Composition/Information on Ingredients =====

Ingred Name:MANUFACTURER CLAIMS ONLY NON-HAZARDOUS INGREDIENTS W/O  
SPECIFYING ANY INDIVIDUAL INGREDIENT.  
Fraction by  
Wt: 100%  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRITATION. SKIN:MAY  
CAUSE SLIGHT IRRITATION. INHALATION:PRODUCT'S LOW VOLITILITY LIMITS  
AMBIENT HAZARD TO LOW ORDER. INGESTION:MAY CAUSE G/I IRRITATION,  
NAUS

EA, VOMITING & DIARRHEA.

Explanation of Carcinogenicity:NONE REPORTED

Effects of Overexposure:EYE:IRRITATION. SKIN:POSSIBLE IRRITATION.

INHALATION:UNLIKELY TO OCCUR. INGESTION:G/I IRRITATION, NAUSEA,  
VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE CURRENTLY KNOWN.

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===== First Aid Measures =====

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE  
CO

CONTAMINATED CLOTHING & LAUNDRER BEFORE REUSE. INHALED:REMOVE FROM  
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT  
INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. ASPIRATION INTO  
LUNGS MAY LEAD TO CHEMICAL PNEUMONITIS.

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===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:252F,122C

Lower Limits:NOT ESTABLIS

Upper Limits:NOT ESTABLIS

Extinguishing Media:REGULAR FOAM, WATER FOG, CO2, DRY CHEMICAL.

Fire Fighting Procedur

es:FIRE FIGHTERS & OTHERS WHO MAY BE EXPOSED TO

PRODUCTS OF COMBUSTIN SHOULD WEAR FULL PROTECTIVE CLOTHING &  
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:MFR GAVE NO INFORMATION OF MSDS.

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===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN SPILL. KEEP OUT OF SEWERS/WATER  
COURSES. REMOVE IGNITION SOURCES. ABSORB W/APPROPRIATE INERT  
MATERIAL (SAND/CLAY,ETC). LARGE SPILLS MAY BE PICKED UP USING  
VACCUM PUMPS/S

HOVELS/ BUCKETS/OTHER M EANS. PLACE IN DRUMS/OTHER  
SUITABLE CONTAINERS.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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===== Handling and Storage =====

Handling and Storage Precautions:AVOID REPEATED/PROLONGED CONTACT  
W/SKIN. DO NOT GET IN EYES. STORE IN COOL DRY AREA. KEEP CONTAINERS  
CLOSED & PLAINLY LABELED. SHELF LIFE:2 YEARS.

Other Precautions:NONE

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===== Exposure Controls/Personal Protection =====

Respiratory Protectio

n:MFR GAVE NO INFORMATION OF MSDS.  
Ventilation:MFR GAVE NO INFORMATION OF MSDS.  
Protective Gloves:NON-ABSORBENT GLOVES.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.  
Work Hygienic Practices:MFR GAVE NO INFORMATION OF MSDS.  
Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:N1  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:824F,440C  
Vapor Pres:0.01  
Vapor Density:>1,  
Spec Gravity:0.98  
Evaporation  
Rate & Reference: