

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: