

AMERICAN GAS AND CHEMICAL COMPANY.,LTD. -- FLAW-FINDER AG-2A-FW PENETRANT --  
6850-01-267-7987

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

Product ID:FLAW-FINDER AG-2A-FW PENETRANT  
MSDS Date:03/29/1988  
FSC:6850  
NIIN:01-267-7987  
MSDS Number: BHKZL  
=== Responsible Party ===  
Company Name:AMERICAN GAS AND CHEMICAL COMPANY.,LTD.  
Address:220 PEGASUS AVENUE  
City:NORTHVALE  
State:NJ  
ZIP:07647-1904  
Country:US  
Info Ph  
one Num:201-767-7300  
Emergency Phone Num:201-767-7300  
Preparer's Name:GEORGE KOSEL,CHIEF CHEM  
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:"NOT HAZARDOUS"(MANUFACTURER STATED IN MSDS THAT ITEM  
CONTAINS NO HAZARDOUS INGREDIENTS ACCORDING TO 29CFR1910.2000  
;HCR  
Fraction by Wt: 100%  
Other REC Limits:NOT STATED IN MSDS

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

LD50 LC50 Mixture:NONE ESTABLISHED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: CAUSES IRRITATION OF EYES, AND  
SKIN; INGESTION MAY CAUSE NAUSEA, VOMITING,ETC..  
Effects of Overexposure:INHALATION: NO EVIDENCE OF ADVERSE EFFECTS FROM  
AVAILAB

LE INFORMATIO. SKIN: MAY CAUSE TEMPORARY REDDENING OR SLIGHT IRRITATION. EYES: CAUSES IRRITATION WITH POSSIBLE MODERATE CORNEAL INJURY. INGESTION : SLIGHT TOXIC! MAY CAUSE NAUSEA, AND/OR VOMITING.

Medical Cond Aggravated by Exposure:NONE CURRENTLY KNOWN.

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

First Aid:INHALATION: REMOVE TO FRESH AIR; SKIN AND EYES: FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES.SEEK MEDICAL HELP IF IRRITATION PERSISTS; INGESTION: DRINK TWO (2) GLASSES OF WATER AND INDUCE VOMITING. CALL A PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:383F, 195C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL MEDIA FOR SMALL FIRES. APPLY ALCOHOAL TYPE OR ALL-PURPOSE-TYPE FOAMS FOR LARGE FIRES.

Fire Fighting Procedures:DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO HOT, BURNING POOLS; THIS MAY CAUSE FROTHING.THIS MATERIAL MAY CAUSE A

FLOATING FIRE HAZARD. USE SCBA.

Unusual Fire/Explosion Hazard:CONTAINERS MAY BURSTAND/OR EXPLODE IN HEAT OF FIRE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION; RECOVER FREE LIQUID; USE SUITABLE INERT ABSORBENT SUCH AS SAND, CLAY, ETC..TO ABSORB LIQUID. THIS MATERIAL IS HIGHLY TOXIC TO FISH. AVOID DISCHARGE TO NATURAL WATERS. A VOID DRAINAGE OF LARGE SPILLS TO SEWERS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE. KEEP CONTAINERS CLOSED AND PLAINLY LABELED.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IF NEEDED.

Ventilation:GENRAL VENTI

LATION IS SUFFICIENT.

Protective Gloves:NON ABSORBENT GLOVES

Eye Protection:SAFETY GLASSES

Other Protective Equipment:USE CHEMICAL RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING,IF NEEDED,TO AVOID CONTAMINATING REGULAR CLOTHING.EYE-WASH FAC

Supplemental Safety and Health

NSN IS FOR WATER WASHABLE PENETRANT OF TYPE I, METHOD A, LEVEL 2 OF MIL-I-25135, REV E. PER QPL-25135-15, AG-2A-FW FROM AMERICAN GAS CHEMICAL COMPANY QUALIFY FOR TYPE I, METHOD A, LEVEL 2. UNIT CONTAINER QTY=1

GAL CAN.

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

HCC:N1

Boiling Pt:B.P. Text:>482F,>250C

Decomp Temp:Decomp Text:>482F/>250C

Vapor Pres:0.01 MMHG

Vapor Density:>1.0(AIR=1

Spec Gravity:0.98

Evaporation Rate & Reference:95%

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENT.

Stability Condition to Avoid:EXTREME HEAT

Hazardous Decomposition Products:BURNING CAN PRODUCE CARBON DIOXIDE

AND/OR CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN A FURNACE WHERE PERMITTED UNDER APPROPRIATE LOCAL,STATE AND FEDERAL REGULATIONS.AT VERY LOW CONCENTRAIONS(LESS THAN 10 PPM),THIS PRODUCT CAN BE BIODEGRADED IN A BIOLOGICAL WASTEWATER TREATMENT PLANT;AT HI-CONC.,IT CAUSES FOAMING PROBLM.

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