

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

Phone 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

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Phone:201-767-7300

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

Ingred Name:"NOT HAZARDOUS"(MANUFACTURER STATED IN MSDS THAT ITEM  
CONTAINS NO HAZARDOUS INGREDIENTS ACCORDING TO 29CFR1910.2  
000;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  
AVAI

TABLE INFORMATION. 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 Condition Aggravated by Exposure: NONE CURRENTLY KNOWN.

===== 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.

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

Flash Point Method: PMCC

Flash Point: 383F, 195C

Extinguishing Media: USE CARBON DIOXIDE, DRY CHEMICAL MEDIA FOR SMALL FIRES. APPLY ALCOHOL 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 BURST AND/OR EXPLODE IN HEAT OF FIRE.

===== 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. AVOID DRAINAGE OF LARGE SPILLS TO SEWERS.

===== 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.

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

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

Ventilation: GENERAL VENTILATION

NTILATION 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 QT

Y=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 TRE ATMENT PLANT;AT HI-CONC.,IT CAUSES FOAMING PROBLM.

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