

AMERICAN GAS AND CHEMICAL COMPANY,LTD -- FLAW-FINDER AG-1-VS PENETRANT --  
6850-00-145-0255

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

Product ID:FLAW-FINDER AG-1-VS PENETRANT

MSDS Date:09/10/1990

FSC:6850

NIIN:00-145-0255

Kit Part:Y

MSDS Number: BHHMM

=== 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:201-767-7300

Preparer's Name:GEORGE KOSEL

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

CAGE:03530

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

Ingred Name:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

Fraction by Wt: 1.0%

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3; 9192

Ingred Na

me:CHLORODIFLUOROMETHANE  
CAS:75-45-6  
RTECS #:PA6390000  
Fraction by Wt: 16%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000PPM; 9192  
Ozone Depleting Chemical:2

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

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,SKIN,RESPIRATORY TRACT;INGESTION MAY CAUSE  
NAUSEA,VOMITING,ETC...INGESTI  
ON OF SMALL QUANTITIES IS USUALLY  
NON-FATAL UNLESS ASPIRATION OCCURS.ASPIRATION MAY LEAD TO CHEMICAL  
PNEUMONITIS.  
Effects of Overexposure:INHALATION:DUE TO ITS LOW VOLATILITY,EXPOSURE  
TO THIS MATERIAL UNDER AMBIENT CONDITIONS IS NOT EXPECTED TO  
PRODUCE ADVERSE HEALTH EFFECTS FOLLOWING NORMAL WORKPLACE  
EXPOSURE;SKIN:CAN CAUSE SLIGHT IRRITATION;EYES:MAY CAUSE  
IRRITATION;INGESTION:CAN CAUSE GASTROINTESTINAL  
IRRITATION,NAUSEA,VOMITING AND DIARRHEA.  
Medical Cond Aggravat  
ed by Exposure:NONE CURRENTLY KNOWN.

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

First Aid:INHALATION:REMOVE TO FRESH AIR:SEEK MEDICAL HELP.IF NOT  
BREATHING,GIVE ARTIFICIAL RESPIRATION,PREFERABLY MOUTH TO  
MOUTH.GIVE OXYGEN IF AVAILABLE; SKIN AND EYES:FLUSH WITH PLENTY OF  
WATER FOR ABOUT 15 MINUTES.SEEK MEDICAL HELP IF IRRITATIONPERSIST;  
INGESTION:DO NOT INDUCE VOMITING.IMMEDIATELY CALL A PHYSICIAN.

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

Flash Point Method:PMCC  
Flash Point:245F,118C  
Extinguishing Media:REGULAR FOAM,WATER FOG,CARBON DIOXIDE,DRY CHEMICAL.  
Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
SELF-CONTAINED BREATHING APPARATUS.COOL EXPOSED CONTAINERS WITH  
WATER SPRAY.AVOID BREATHING VAPOR OR FUMES.  
Unusual Fire/Explosion Hazard:CONTAINERS MAY BURST/EXPLODE IN HEAT OF  
FIRE.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTIVE EQUIPMENT

NAL PROTECTION:REMOVE IGNITION

SOURCES:RECOVER FREE LIQUID;USE SUITABLE INERT ABSORBENT SUCH AS SAND,CLAY,ETC.TO ABSORB LIQUID.KEEP MATERIAL OUT OF SEWERS/WATER WAYS.LG SPILLS MAY BE PICKED UP BY VACUUM PUMPS,SHOVELS & PLACE IN DRUMS.

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

Handling and Storage Precautions:STORE IN A COOL DRY PLACE BELOW 120F.DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.DO NOT STORE OR HANDLE NEAR HEAT,SPARKS OR OXIDANTS.KEEP P

LAINLY LABLD

Other Precautions:DO NOT

PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND,OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME,SPARKS OR OTHER SOURCES OF IGNITION:THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.DO NOT ATTEMPT TO CLEAN SINCE RESIDUE IS DIFFICULT TO REMOVE.

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

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

Ventilation:GENRAL VENTILATION 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

KEY1:V2. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS.

CLEANER/REMOVER HAS PNI D, DEVELOPER HAS PNI E AND PENETRANT HAS PNI F, SAME NSN. FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A, B AND C, SAME NSN.

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

HCC:V2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=226.7C, 440.F

Vapor Pres:1.0(AIR=1

Spec Gravity:0.98 (BULK)

Evaporation Rate & Reference:95%

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===== 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.

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===== Disposal Con

siderations =====

Waste Disposal Methods:WASTE PRODUCT SHOULD BE INCINERATED OR DISPOSED OF IN AN APPROVED DISPOSAL SITE OR FACILITY.CAN BE RECLAIMED AND RECYCLED.ASSURE CONFORMITY WITH ALL APPLICABLE LOCAL,STATE AND FEDERAL DISPOSAL REGULATIONS.DO NOT INCINERATE AEROSOL CANS EMPTY OR FILLD

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