

AMERICAN GAS AND CHEMICAL COMPANY.,LTD. -- FLAW-FINDER AG-1-VS PENETRANT --
6850-00-826-0981

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

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

MSDS Date:06/05/1987

FSC:6850

NIIN:00-826-0981

Kit Part:Y

MSDS Number: BHHPM

=== 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

Country:US

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; 9

Ingrid Name:DICHLORODIFLUOROMETHANE (SARA III)
 CAS:75-71-8
 RTECS #:PA8200000
 OSHA PEL:1000 PPM
 ACGIH TLV:1000 PPM; 9192
 EPA Rpt Qty:5000 LBS
 DOT Rpt Qty:5000 LBS
 Ozone Depleting Chemical:1

===== 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,VOM
 ITING,ETC...INGESTION 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 Aggravated by Exposure:NONE CURRENTLY KNOWN.

===== 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.

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

Flash Point:NONE
 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.

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

Spill Release Procedures:USE PROPER PERSONAL PROTEC

TION: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.

=====
===== 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 PLAINLY LAB

LD

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.

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

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

Ventilation:GENERAL 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

NSN MANAGED BY GSA IS A 3 PART KIT OF TYPE II,METHOD C;PER GSA ID,KIT CONSISTS OF 9-7 OZ AEROSOL CANS (3 CANS EACH OF PENETRANT,DEVELOPER,AND CLEANER);PER MIL-I-25135,REV E AND QPL-25135-14/15,THIS PENETRANT,AG-1-VS,IS QUALIFIED WITH D-4 DEVELOPER

& CLASS(1) REMOVER;SEE PNI-B & C FOR DEVELOPER & REMOVER DATA;KEY1:J7

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

HCC:V2

Vapor Pres:1.0(AIR=1

Spec Gravity:0.98 (BULK)

Evaporation Rate & Reference:0.1 (N BUAC=1) (BULK)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK RED LIQUID;MILD ODOR

Percent Volatiles by Volume:>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: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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.