

AMERICAN GAS AND CHEMICAL COMPANY.,LTD. -- FLAW-FINDER AG-3D-FS PENETRANT --
6850-01-117-2971

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

Product ID:FLAW-FINDER AG-3D-FS PENETRANT

MSDS Date:01/03/1989

FSC:6850

NIIN:01-117-2971

MSDS Number: BHKLZ

=== 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

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Phone:201-767-7300

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

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA
III)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 60.0%

OSHA PEL:5 MG/M3/10 STEL
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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 Name:PER MANUFACTURER'S MSDS,ITEM CONTAINS NO OTHER HAZARDOUS
INGREDIENTS ACCORDING TO THE PROVISIONS GIVEN IN 29CFR1910.2000
RTECS #:9999999ZZ
Fraction by Wt: BALANCE

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

Routes of Entry: Inhalation:NO Skin:
n: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...INGESTION OF SMALL QUANTITIES IS USUALLY
NON-FATAL UNLESS ASPIRATION OCCURS.ASPIRATION MAY LEAD TO CHEMICAL
PNEUMONITIS.
Explanation of Carcinogenicity:DI(2-ETHYLHEXYL)PHTHALATE LISTED AS AN
ANIMAL CARCINOGEN,IT IS NOT LISTED AS HUMAN CARCINOGEN,PER MFR MSDS
INFORMATION.

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 NEEDED; SKIN AND EYES: FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINUTES. SEEK MEDICAL HELP IF IRRITATION PERSISTS; INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN.

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

Flash Point Method:PMCC
Flash Point:252F/122C
Extinguishing Media:REGULAR FOAM,WATER FO
G,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 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 P ICKED 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 CANS/DRUMS.DO NOT STORE OR
HANDLE NEAR HEAT,SPARKS OR OXIDANTS.KEEP PLAINLY LABELED
Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL,
GRIND, OR EXPOS
E SUCH CONTAINERS TO HEAT,FLAME,SPARKS OR OTHER
SOURCES OF IGNITION,THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.DO
NOT ATTEMPT TO CLEA N SINCE RESIDUE IS DIFFICULT TO REMOVE.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS IF NEEDED.
Ventilation:GOOD,GENRAL VENTILATION IS SUFFICIENT.
Protective Gloves:NON ABSORBENT GLOVES
Eye Protection:SAFETY GLASSES
Other Protective Equipment:USE CHEMI

CAL RESISTANT APRON OR OTHER
IMPERVIOUS CLOTHING,IF NEEDED,TO AVOID CONTAMINATING REGULAR
CLOTHING.EYE-WASH FAC
Work Hygienic Practices:ADHERE TO GENERAL INDUSTRIAL HYGIEN PRACTICE AT
THE WORKPLACE.
Supplemental Safety and Health
ITEM IS TYPE I, METHOD B, LEVEL 3 PER QPL-25135-15 FOR MIL-I-25135,REV
E. THE SAME PRODUCT IS ALSO SUPPLIED BY THE MFR FOR OTHER METHODS
AND LEVELS UNDER SEPARATE NSNS.

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

HCC:T4
Boi
ling Pt:B.P. Text:440F IBP
Vapor Pres: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:WASTE PRODUCT SHOULD BE INCIN
ERATED 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 REGULAT IONS.DO NOT INCINERATE EMPTY OR FILLD
CANS.

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