

AMERICAN GAS & CHEMICAL CO,LTD -- FLAW-FINDER AG-3D-FS PENETRANT -- 6850-01-268-8788  
===== Product Identification =====

Product ID:FLAW-FINDER AG-3D-FS PENETRANT  
MSDS Date:01/03/1989  
FSC:6850  
NIIN:01-268-8788  
Kit Part:Y  
MSDS Number: BGSFT  
=== Responsible Party ===  
Company Name:AMERICAN GAS & CHEMICAL CO,LTD  
Address:220 PEGASUS AVE  
City:NORTHVALE  
State:NJ  
ZIP:07647-1904  
Country:US  
Info Phone Num:2  
01-767-7300  
Emergency Phone Num:201-767-7300  
Preparer's Name:GEORGE KOSEL,CHIEF CHEM  
CAGE:EO527  
=== Contractor Identification ===  
Company Name:AMERICAN GAS & CHEMICAL COMPANY LTD  
Address:220 PEGASUS AVE  
City:NORTHVALE  
State:NJ  
ZIP:07647-1904  
Country:US  
Phone:201-767-7300/800-526-1008  
CAGE:EO527  
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 In

gredients =====

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 29CFR

1910.2000

RTECS #:9999999ZZ

Fraction by Wt: BALANCE

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

LD50 LC50 Mixture:NOT ESTABLISHED BY THE 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, SKIN, RESPIRATORY TRACT; INGESTION MAY CAUSE NAUSEA, VOMITING, ETC...INGESTION OF SMALL QUANTITIES IS USUALLY NON-FATAL UNLESS ASPIRATI

ON 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; INGE

STION: 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; INGESTIO

N: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN.

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

Flash Point Method:PMCC

Flash Point:252F/122C

Extinguishing Media:REGULAR FOAM, WATER FOG, CARBON DIOXIDE, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. AVOID BREATHING VAPORS 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 EXPOSE 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 Protecti

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

Ventilation:GOOD,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

Work Hygienic Practices:ADHERE TO GENERAL INDUSTRIAL HYGIEN PRACTICE AT THE WORKPLACE.

Supplemental Safety and Health

NSN IS FOR SET OF TYPE I, METH

OD B, LEVEL 3 UNDER MIL-I-25135E. PER

QPL-25135-15, THE SET SHOULD CONSIST OF 1-1 GAL CONTAINER OF AG-3D-FS PENETRANT AND 2-1 GAL CONTAINERS OF AG-FL EMULSIFIER. THIS ENTRY DESCRIBES AG-3D-FS PENETRANT.SEE PNI- B, THIS NSN, FOR AG-FL EMULSIFIER. KEY1:T6

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

HCC:T6

Boiling 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:OXIDES OF CARBON

===== 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 NO

T INCINERATE EMPTY OR FILLD  
CANS.

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