

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:20

1-767-7300

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 Ing

redients =====

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 29CFR1

910.2000

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 ASPIRATION

N 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; INGES

TION: 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 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 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 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 CLEAN SINCE RESIDUE IS DIFFICULT TO REMOVE.

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

Respiratory Protectio

n: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, METHO

D 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 NOT

INCINERATE EMPTY OR FILLED
CANS.

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 in
formation to their
particular situation.