

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

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

Product ID:FLAW-FINDER AG-1-DH DEVELOPER

MSDS Date:03/25/1994

FSC:6850

NIIN:00-145-0255

Kit Part:Y

MSDS Number: BTSCR

=== 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

CAGE:03530

=== Contractor Identification ===

Company Name:AMERICAN GAS AND CHEMICAL COMPANY,LTD

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

Ingred Name:TRADE SECRET COMPONENT

Fraction by Wt: 90% %

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:500 PPM

Ingred Name:NON HAZARDOUS INGREDIENTS

Fraction by Wt: 10% %

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MAY BE IRRITATING TO THE EYES.

PROLONGED OR REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO IRRITATION AND DERMATITIS. VAPORS MAY IRRITATE THE NOS

E, THROAT AND UPPER RESPIRATORY TRACT. VAPORS ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. INGESTION MAY CAUSE GI DISTURBANCES.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, UPPER RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:

PERSONS WITH PRE-EXISTING HEART

DISEASE MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NONFLAMMABLE

Lower Limits:7.4 %

Upper Limits:15.5 %

Extinguishing Media:FOAM, WATER FOG, DRY CHEMICAL, CARBON DIOXIDE

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:DO NOT USE DIRECT STREAM OF WATER ON FIRE. TOXIC GAS

SES ARE RELEASED DURING COMBUSTION.

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

Spill Release Procedures:CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. REMOVE ALL SOURCES OF IGNITION. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL. KEEP MATERIAL OUT OF SEWERS AND WATER COURSES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH

ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. KEEP CONTAINERS CLOSED AND PLAINLY LABELED.

Other Precautions:AVOID SKIN CONTACT. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. AVOID TEMPERATURES IN EXCESS OF 120F. DO NOT PUNCTURE OR INCINERATE CANS.

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

Respiratory Protection:NOT NORMALLY REQUIRED.

Ventilation:PROVIDE GREATER THAN 60 FEET PER MINUTE HOOD FACE VELOCITY.

USE EXPLOSION PROOF EQUIPMENT.

Protective Gloves:CHEMICAL RESISTANT OTHER THAN RUBBER

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

KEY1:J7. THIS PRODUCT IS A KIT CONSISTING OF THREE PARTS.

CLE

ANER/REMOVER HAS PNI L, DEVELOPER HAS PNI K AND PENETRANT HAS PNI H, SAME NSN. FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A, B, C, D, E, F, G, I AND J, SAME NSN.

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

HCC:V2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=32.C, 89.5F

Vapor Pres:517

Vapor Density:4.0

Spec Gravity:1.36

Evaporation Rate & Reference:>1 (WATER = 1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:MILKY LIQUID, CITRUS ODOR

Percent Vol

atiles by Volume:90 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ALKALIS OR ALKALINE EARTH METALS

Stability Condition to Avoid:HEAT, OPEN FLAME

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,
HYDROGEN CHLORIDE, HYDROGEN FLUORIDE, CHLORINE

===== Disposal Considerations =====

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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