

AMERICAN GAS AND CHEMICAL COMPANY.,LTD. -- FLAW-FINDER AG-DN DEVELOPER --  
6850-00-160-8480

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

Product ID:FLAW-FINDER AG-DN DEVELOPER

MSDS Date:01/03/1989

FSC:6850

NIIN:00-160-8480

MSDS Number: BHXRQ

=== 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

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Phone:201-767-7300

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 84.0%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

===== Hazards Identification ==

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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES,SKIN,RESPIRATORY TRACT;HEADACHE,DIZZINESS,ANESTHETIC EFFECTS,CNS DEPRESSION; CHRONIC:DEFATTING,DERMATITIS; HEALTH STUDIES HAVE SHOWN THAT MANY PETROLEUM HYDROCARBONS POSE POTE NTIAL HUMAN HEALTH RISKS WHICH MAY VARYFROM PERSON TO PERSON.

Explanation of Carcinogenicity:NONE KNOWN.

Effects of Ove

rexposure:INHALATION:HIGH VAPOR CONC CAUSES IRRITATION,HEADACHE,DIZZINESS AND CNS DEPRESSION;SKIN:PROLONGED/REPEATED CONTACT TENDS TO REMOVE SKIN OIL POSSIBLY LEADING TO IRRITATION AND DERMATITIS;EYES:LIQ CONTA CT MAY CAUSE IRRITATION;INGESTION:PRODUCT HAS LOW ORDER OF ACUTE ORAL TOXICITY.MINUTE QTY INSPIRATED IN LUNGS IS FATAL.

Medical Cond Aggravated by Exposure:NONE REPORTED BY THE MANUFACTURER. HOWEVER,PRE-EXISTING CONDITIONS MAY BE WORSEN;

===== F

irst Aid Measures =====

First Aid:INHALATION:REMOVE TO FRESH AIR:SEEK MEDICAL HELP.IF BREATHING IS IRREGULAR OR HAS STOPPED,START RESUSCITATION;ADMINISTER OXYGEN IF AVAILABLE; SKIN AND EYES:FLUSH WITH PLENTY OF WATER FOR ABOUT 15 MINU TES.SEEK MEDICAL HELP IF IRRITATION PERSISTS;INGESTION:GIVE 2 TO 4 GLASSES OF WATER. INDUCE VOMITING.IMMEDIATELY CALL A PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:53.0F,11.7C

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR FOG. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:USE AIR SUPPLIED BREATHING EQUIPMENT FOR ENCLOSED AREA. 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 Procedur

es:USE PROPER PERSONAL PROTECTION:REMOVE ALL  
IGNITION SOURCES:RECOVER FREE LIQUID;USE SUITABLE INERT ABSORBENT  
MATERIAL SUCH AS SAND,SAWDUST,ETC.. TO ABSORB SPILLED  
LIQUID.VENTILATE CONFINED SPACES.KEEP MATERIAL OUT OF SEWERS AND  
WATER COURSES.

===== 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 OX  
IDANTS.

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 SUPPLIED-AIR RESPIRATOR PROTECTION IN  
CONFINED AREA,IF NEEDED.

Ventilation:PROVIDE >60FPM HOOD FACE VELOCITY.LOCAL EXHAU  
ST TO MAINTAIN

PEL/TLV (USE EXPLOSION PROOF EQUIPMENT.)

Protective Gloves:USE CHEMICAL RESISTANT OTHER THAN RUBBER

Eye Protection:FACE SHIELD/SPLASH PROOF GOGGLES.

Other Protective Equipment:USE CHEMICAL RESISTANT APRON OR OTHER  
IMPERVIOUS CLOTHING,IF NEEDED,TO AVOID CONTAMINATING REGULAR  
CLOTHING.EYE-WASH FAC

Work Hygienic Practices:ADOPT GENERAL INDUSTRY HYGIEN PRACTICE.

Supplemental Safety and Health

NSN IS FOR TYPE II, FORM D OF MIL-I-25135, REV E. QPL-25135-14/15  
APPLICABLE

FOR THE PRODUCT AG-DN DEVELOPER. MANUFACTURER MAY  
SUBSTITUTE/SUPPLY THIS DEVELOPER WITH AG-DH DEVELOPER PER QPL  
DEPENDING U PON THE REQUISITION AND AREAS OF USE.

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

HCC:V3

Boiling Pt:B.P. Text:N/R(AEROSOL

Vapor Pres: