

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: BHRQ
=== 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 Number: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
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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 PP

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

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 Overexposure: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,P

RE-EXISTING CONDITIONS MAY BE WORSEN;

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===== First 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.

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===== 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.

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===== Accide

ntal Release Measures =====

Spill Release Procedures: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 OXIDANTS.

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 EXHAUST 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 UPON THE REQUISITION AND AREAS OF USE.

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

HCC:V3

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

Vapor Pres: