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AMERICAN GAS AND CHEMICAL COMPANY,LTD -- FLAW-FINDER AG-RH CLEANER -- 6850-00-782-2740

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

Product ID:FLAW-FINDER AG-RH CLEANER
MSDS Date:08/30/1999
FSC:6850
NIIN:00-782-2740
Status Code:A
Kit Part:Y
MSDS Number: CLLMP
=== Responsible Party ===
Company Name:AMERICAN GAS AND CHEMICAL COMPANY,LTD
Address:220 PEGASUS AVENUE,
City:N0RTHVALE
State:NJ
ZIP:07647-1904
Count
ry:US
Info Phone Num:201-767-7300
Emergency Phone Num:201-767-7300
Resp. Party Other MSDS Num.:MSDSAGRH
Preparer's Name:ELENA FROST
CAGE:03530
=== Contractor Identification ===
Company Name:AMERICAN GAS AND CHEMICAL COMPANY,LTD
Address:220 PEGASUS AVENUE,
City:N0RTHVALE
State:NJ
ZIP:07647-1904
Country:US
Phone:201-767-7300
CAGE:03530

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

Ingred Name:1,1,1-TRICHLOROETHANE
CAS:71-55-6
RTECS #:KJ2975000
= Wt:96.
OSHA PEL:1900 MG/M3;

350 PPM
ACGIH TLV:350 PPM
ACGIH STEL:2460 MG/M3;450 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER
Health Hazards Acute and Chronic:INHALATION: HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE RESPIRATORY TRACT. SKIN: PROLONGED OR REPEATED SKIN CONTACT TENDS TO REMOVE SKIN OILS POSSIBLY LEADING TO IRRITATION AND DERMITITIS. EYE: CO NTACT M
AY CAUSE IRRITATION.
INGESTION: PRODUCT HAS LOW ORDER OF ACUTE ORAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY OR DEATH.
Explanation of Carcinogenicity:1,1,1-TRICHLOROETHANE HAS BEEN SUBJECTED TO A CARCINOGENESIS BIOASSAY BY NCI AND FOUND NOT TO BE CARCINOGENIC.
Effects of Overexposure:INHALATION: HEADACHES, DIZZINESS, AND CAUSE OTHER CENTRAL NERVOUS SYSTEM EFFECTS. SKIN: IRRITATION AND DERMITITIS. EYE: IRR
ITATION. INGESTION: IF ASPIRATED INTO LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY.
Medical Cond Aggravated by Exposure:NONE

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

First Aid:INHALATION: IF OVERCOME BY VAPOR, REMOVE FROM EXPOSURE AND CALL PHYSICIAN IMMEDIATELY. IF BREATHIKNG IS IRREGULAR OR HAS STOPPED, START RESUSCITATION; ADMINISTER OXYGEN, IF AVAILABLE. SKIN: IN CASE OF CONTACT, WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE A
NY CONTAMINATED CLOTHING AND WASH BEFORE REUSE. EYE: FLUSH WITH CLEAR WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSI STS, CALL PHYSICIAN. INGESTION: IF INGESTED, DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY.

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

Flash Point:NONE
Lower Limits:7.5%
Upper Limits:15%
Extinguishing Media:FOAM, DRY CHEMICA, CO2, WATER SPRAY OR FOG.
Fire Fighting Procedures:USE AIR-SUPPLIED BREATHING EQUIPMENT F

OR
ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER SPRAY. AVOID BREATHING VAPOR OR FUMES.
Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY MANUFACTURER

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. RECOVER LIQUID. ADD ABSORBENT SUCH AS SAND, SAWDUST, ETC TO SPILL AREA. VENTILATE CONFINED SPACES. KEEP MATERIAL OUT OF SEWERS AND WATER COURSES.
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN USEE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. TO PREVENT FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION AND DISCHARGE, EFFECTIVELY GROUN D PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARD
Other Precautions:AEROSOL: STORE IN A COOL DRY PLACE AT TEMPERATURES BELOW 120F.
DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES, IF NEEDED.
Ventilation:USE WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS IN AIR. USE EXPLOSION-PROOF EQUIPMENT.
Protective Gloves:CHEMICAL-RESISTANT GLOVES
Eye Protection:SPLASH GOGGLES OR FACE SHIELD
Other Pr
otective Equipment:EXPLOSION-PROOF EQUIPMENT. USE CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING TO AVOID CONTAMINATING REGULAR CLOTHING WHICH WOULD RESULT IN PROLONGED OR REPEATED SKIN CONTACT.
Work Hygienic Practices:NO SMOKING OR OPEN LIGHTS.
Supplemental Safety and Health
NO DATA PROVIDED BY MANUFACTURER

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

HCC:V2
Boiling Pt:=72.2C, 162.F
B.P. Text:IBP
Vapor Pres:100MMHG@20C
Vapor Density:4.55
Evaporation

Rate & Reference:1.33 (WATER=1)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:COLORLESS LIQUID; SWEET ODOR.
Percent Volatiles by Volume:99+

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG CAUSTICS, REACTIVE METALS LIKE ALUMINUM.
Stability Condition to Avoid:NO DATA PROVIDED BY MANUFACTURER
Hazardous Decomposition Products:HYDROGEN CHLORIDE, SMALL AMOUNT OF PHOSGENE AND CHLORINE.

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========== Toxicological Information ==========

Toxicological Information:NO DATA PROVIDED BY MANUFACTURER

========== Ecological Information ==========

Ecological:NO DATA PROVIDED BY MANUFACTURER

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

Waste Disposal Methods:ASSURE CONFORMITY WITH APPLICABLE DISPOSAL REGULATIONS. DISPOSE OF ABSORBED MATERIAL AT APPROVED DISPOSAL SITE OR FACILITY.

========== MSDS Transport Information ==========

Transport Information:SHIPPING NAME (AEROSOL): AEROSOL, NON-FLAMMABLE, N.O.S. MARKING (AEROSOL): AEROSOL, NON-FLAMMABLE, N.O.S. HAZARD CLASS (AEROSOL): AEROSOL, NON-FLAMMABLE GAS. IDENTIFICATION (AEROSOL): IM1950.

========== Regulatory Information ==========

SARA Title III Information:SARA TITLE III, SECTION 313 AND 40 CFR PART 372 1,1,1-TRICHLOROETHANE (71-55-6) 96%.
Federal Regulatory Information:NO DATA PROVIDED BY M

ANUFACTURER.
State Regulatory Information:NO DATA PROVIDED BY MANUFACTURER

========== Other Information ==========

Disclaimer (provided with this information by the compiling agencies):
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