

NATIONAL DIAGNOSTICS INC -- HYDROFLUOR -- 6850-01-085-2356

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

Product ID:HYDROFLUOR
MSDS Date:01/17/1994
FSC:6850
NIIN:01-085-2356
MSDS Number: BTHJS
=== Responsible Party ===
Company Name:NATIONAL DIAGNOSTICS INC
Address:1013-1017 KENNEDY BLVD
City:MANVILLE
State:NJ
ZIP:08835
Country:US
Info Phone Num:404-699-2121
Emergency Phone Num:404-699-2121/800-424-9300(CH
EMTREC)
CAGE:58215
=== Contractor Identification ===
Company Name:NATIONAL DIAGNOSTICS INC
Address:1013-1017 KENNEDY BLVD
Box:City:MANVILLE
State:NJ
ZIP:08835
Country:US
CAGE:58215

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

Ingred Name:AROMATIC HYDROCARBONS
Fraction by Wt: 70% %
Other REC Limits:100 PPM PER MFR

Ingred Name:NONIONIC SURFACTANTS
Fraction by Wt: 30% %
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 ORAL (RAT) = 4.8 G/KG

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

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

Health Hazards Acute and Chronic:IRRITATION OF MUCOUS MEMBRANES, EXCITEMENT, DEPRESSION. MAY CAUSE MILD MACROCYTIC ANEMIA, BUT NOT LEUKOPENIA.

Explanation of Carcinogenicity:THIS PRODUCT IS NOT LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN, MUTAGEN, TERATOGEN OR NEUROTOXIN.

Effects of Overexposure:IRRITATION OF MUCOUS MEMBRANES, EXCITEMENT,

DEPRESSION, MILD MACROCYTIC ANEMIA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. IF INGESTED, DO NOT INDUCE VOMITING. KEEP WARM, QUIET AND GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:124F,51C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Ex

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND FULL FACE-PIECE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND OR BE MOVED BY VENTILATION AND IGNITED BY FLAME. NEVER USE WELDING TORCH ON DRUMS.

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

Spill Release Procedures:COVER WITH ABSORBENT MATERIAL TO CONFINE SPILL

AND SWEEP OR SHOVEL INTO CONTAINER. AVOID BREATHING VAPORS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID EXCESSIVE HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINERS CLOSED.

Other Precautions:ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET APPLY TO EMPTY CONTAINERS AS WELL. AVOID BREATHING VAPORS.

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

Respiratory P

rotection:SELF-CONTAINED BREATHING APPARATUS WITH FULL
FACEPIECE.

Ventilation:USE UNDER HOOD. USE ONLY WITH ADEQUATE VENTILATION. NO
SMOKING OR OPEN LIGHT.

Protective Gloves:WEAR IMPERVIOUS RUBBER GLOVES

Eye Protection:WEAR SAFETY GLASSES OR GOGGLES

Other Protective Equipment:TO PREVENT REPEATED OR PROLONGED CONTACT,
WEAR IMPERVIOUS CLOTHING.

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

Supplemental Safety and Heal
th

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

HCC:F4

Boiling Pt:B.P. Text:360F,182C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:2.0

Vapor Density:4.8

Spec Gravity:0.92

Evaporation Rate & Reference:< 0.1 (BUTYL ACETATE=1)

Solubility in Water:GELS W/SMALL AMOUNTS

Appearance and Odor:CLEAR, COLORLESS LIQUID; SLIGHT AROMATIC ODOR

Percent Volatiles by Volume:70 %

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

Stability Indicator/Materials to

Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:AVOID EXCESSIVE HEAT, SPARKS AND OPEN
FLAMES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE AND
VARIOUS HYDROCARBONS.

===== 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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