

SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV -- B-NAPHTHYLAMINE ISOPAC -- 6550-01-351-9254

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

Product ID:B-NAPHTHYLAMINE ISOPAC

MSDS Date:09/14/1987

FSC:6550

NIIN:01-351-9254

Kit Part:Y

MSDS Number: BQKLL

=== Responsible Party ===

Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV

Address:3050 SPRUCE ST

City:ST LOUIS

State:MO

ZIP:63103

Country:US

Info Phone Num:314-771

-5765

Emergency Phone Num:314-771-5765

CAGE:0DK69

=== Contractor Identification ===

Company Name:BAXTER HEALTHCARE CORP/PHARMASEAL DIVISION

Address:808 HIGHWAY 24 WEST

Box:City:MOBERLY

State:MO

ZIP:65270

Country:US

CAGE:0GGW9

Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV

Address:3050 SPRUCE ST

Box:City:ST LOUIS

State:MO

ZIP:63103-2530

Country:US

Phone:314-771-5765

CAGE:0DK69

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

Ingred Name:NAPHTHYLAMINES, 2-NAPHTHYLAMINE

(HUMAN CARCINOGEN BY:
ACGIH, OSHA, NTP, IARC)
CAS:91-59-8
RTECS #:QM2100000
OSHA PEL:SEE 1910.1009
ACGIH TLV:A1; 9293
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 727 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION/INGESTION: MAY BE FATAL.
SKIN: MAY BE FATAL IF ABSORBED, IRRITATION, FORMATION OF
METHEMOGLOBIN WHICH CAUSES CYANOSIS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION/INGESTION/SKIN ABSORPTION: MAY
CAUSE CANCER.

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

First Aid:INGESTION: WASH OUT MOUTH W/WATER IF CONSCIOUS. SKIN: FLUSH
W/PLENTY OF WATER FOR AT LEAST 15 MINS. INHALATION: REMOVE TO FRESH
AIR. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. ASSURE
ADEQUATE FLUSHING BY SEPARATING EYE LIDS. OBTAIN MEDICAL ATTENTION
IN ALL CASES.

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

Extinguishing Media:CO2, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN
A BAG

G & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA
& WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

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

Handling and Storage Precautions:HANDLE IN A CLOSED SYSTEM. VERY TOXIC
BY INHALATION. DANGER OF VERY SERIOUS IRREVERSIBLE EFFECTS. DON'T
BREATH DUST. DON'T RELEASE INTO ATMOSPHERE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RES
PIRATOR.

Ventilation:HANDLE IN CLOSED SYSTEM

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:SUITABLE PROTECTIVE CLOTHING

Work Hygienic Practices:IMMEDIATELY TAKE OFF ALL CONTAMINATED CLOTHING.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:306C

Melt/Freeze Pt:M.P/F.P Text:111-113C

Spec Gravity:1.061

Solubility in Water:COMPLETE

Appearance and Odor:WHITE POWDER

=====

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HEAT

Hazardous Decomposition Products:TOXIC FUMES OF CO, CO2, & NITROGEN
OXIDES

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

Waste Disposal Methods:DISSOLVE OR MIX THE MATERIAL W/COMBUSTIBLE
SOLVENT & BURN IN CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER &
SCRUBBER IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.
UN165

0.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.