

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

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Hazards Identification  
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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, IRRITATI

ON, FORMATION OF

METHEMOGLOBIN WHICH CAUSES CYANOSIS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION/INGESTION/SKIN ABSORPTION: MAY  
CAUSE CANCER.

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First Aid Measures  
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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. OBTAINMEDICAL ATTENTION  
IN ALL CASES.

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Fire Fighting Measures  
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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

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Accidental Release Measures  
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Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN  
A BA

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

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===== 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.

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===== 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

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===== 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

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===== 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

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===== 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.  
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