

FISHER SCIENTIFIC CO CHEMICAL DIV. -- PIPERIDINE CATALOGUE NUMBER P125100 --
6810-00-281-1859

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

Product ID:PIPERIDINE CATALOGUE NUMBER P125100

MSDS Date:11/08/1991

FSC:6810

NIIN:00-281-1859

MSDS Number: BPBLH

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:2

01-796-7100

Emergency Phone Num:201-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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

Ingred Name:PIPERIDINE (SARA

III)

CAS:110-89-4

RTECS #:TM3500000

Fraction by Wt: 100%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 400 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:MAY CAUSE IRRITATION AND BURNS OF
MUCOUS MEMBRANES, NOSE AND THROAT IF INHALED. ABSORBTION THROUGH
THE SKIN MAY CAUSE NERVOUS SYSTEM EFFECTS

. MAY CAUSE SEVERE

IRRITATION OR BURNS TO SKIN AND EYES ON C ONTACT. INGESTION MAY
CAUSE SVERE IRRITATION TO GI TRACT AND NERVOUS SYSTEM EFFECTS.
CHRONIC: DERMATITIS.

Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Effects of Overexposure:INHALATION: WHEEZING, SNEEZING, SHORTNESS OF
BREATH, LABORED BREATHING, PULMONARY EDEMA. EYES: PAIN, REDNESS,
BLURRED VISION, BURNING SENSATION. SKIN:

BURNING SENSATION,

REDNESS, SKIN DAMAGE, ALS MAY SHOW SAME SIGNS AS INHALATION:
BURNING SENSATION OF THROAT AND MAOUTH, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. GET IMMEDIATE MEDICAL HELP.
MAINTAIN BREATHING, GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF
NEEDED. EYES: FLUSH WITH LOTS OF WATER FOR AT LEAST 15 MINUTES. GET
IM

MEDIATE MEDICAL HELP. SKIN: REMOVE CONTAMINATEDCLOTHES AND WASH
WITH LOTS OF WATER AND SOAP. INGESTED: IF CONSCIOUS, GIVE MILK OR
WATER. GET IMMEDIATE MEDICAL HELP.

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

Flash Point Method:CC

Flash Point:61.0F,16.1C

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY.

Fire Fighting Procedures:WEAR SCBA AND PROTECTIVE GEAR. MOVE CONTAINER
AWAY FROM FIRE IF CAN BE DONE WITHOUT RISK. USE WATER TO COOL FIR

E

EXPOSED CONTAINER.

Unusual Fire/Explosion Hazard:DANGEROUS FIRE HAZARD WHEN EXPOSED TO HEAT AND FLAME. MAODERATE EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME.

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

Spill Release Procedures:ELIMINATE ALL SOURCES OF IGNITION. WEAR PROPER PROTECTIVE EQUIPMENT, AVOID CONTACT WITH THIS MATERIAL. ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL. RELEASE MUST BE REPORTED TO LOCAL EMERGENC
Y PLANNING COMMITTEE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS WHEN STORING THIS MATERIAL. STORE IN A COOL, DRY AREA AWAY FROM SOURCES OF IGNITION.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF

ENGINEERING CONTROLS FAIL OR IN AN EMERGENCY. RESPIRATOR TYPE (AIR PURIFYING OR AIR-SUPPLIED) DEPENDS ON AMOUNT IN AIR. IF THESE ARE USED; A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IN PLACE.

Ventilation:USE LOCAL EXHAUST OR PROCESS ENCLOSURE VENTILATION; EQUIPMENT MUST BE EXPLOSION-PROOF.

Protective Gloves:BUTYL OR NITRILE

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER

Work Hygienic Practices:WASH H

ANDS AFTER USE AND BEFORE EATING,

DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA), SECTION 304 REQUIRES THAT A RELEASE EQUAL TO OR GREATER THAN THE REPORTABLE QUANTITY BE REPORTED TO THE LOCAL EMERGENCY PLANNING COMMITTEE.

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

HCC:F5

Boiling Pt:B.P. Text:223F,106C

Melt/Freeze Pt:M.P/F.P Text:16.0F,-8.9C

Vapor Pres:

25 MM HG
Vapor Density:3.0(AIR=1)
Spec Gravity:0.9
Solubility in Water:APPRECIABLE
Appearance and Odor:COLORLES LIQUID; FISHY ODOR.
Percent Volatiles by Volume:UNKNON

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

Stability Indicator/Materials to Avoid:YES
STRONG MINERAL ACIDS, ACID ANHYDRIDES, ACID CHLORIDES, ALUMINUM, CARBON
DIOXIDE, ZINC, STRONG OXIDIZING AGENTS.
Stability Condition to Avoid:DO NOT ALLOW CONTACT WITH INCOMPATIBLES.
Hazardous Decomposition Products:T
HERMAL DECOMPOSITION PRODUCTS MAY
INCLUDE TOXIC OXIDES OF CARBON AND NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS. REPORTABLE QUANTITY= 1 POUND.

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