

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:

201-796-7100

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

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Hazards Identification  
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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 EFFECT  
S. 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.

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First Aid Measures  
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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  
I  
MMEDIATE MEDICAL HELP. SKIN: REMOVE CONTAMINATEDCLOTHES AND WASH  
WITH LOTS OF WATER AND SOAP. INGESTED: IF CONSCIOUS, GIVE MILK OR  
WATER. GET IMMEDIATE MEDICAL HELP.

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Fire Fighting Measures  
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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 FI

RE

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 EMERGEN  
CY 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

HANDS 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:  
THERMAL 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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