

FISHER SCIENTIFIC, CHEMICAL DIV. -- SODIUM BENZOATE -- 6505-00-153-8233

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

Product ID:SODIUM BENZOATE

MSDS Date:06/15/1989

FSC:6505

NIIN:00-153-8233

MSDS Number: BHHGS

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC, 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 ===

Co

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:SODIUM BENZOATE

CAS:532-32-1

RTECS #:DH6650000

Fraction by Wt: 100%

Other REC Limits:NONE ESTABLISHED

OSHA PEL:NONE ESTABLISHED

ACGIH TLV:NONE ESTABLISHED

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

LD50 LC50 Mixture:LD50 ORAL RAT=40

70 MG/KG

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

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

Health Hazards Acute and Chronic:DUSTS MAY CAUSE MUCOUS MEMBRANE IRRITATION. EXCESSIVE CONTACT MAY CAUSE MILD SKIN/EYE IRRITATION. IF INGESTED WITH LARGE DOSES OF 8-10 GRAMS, NAUSEA AND VOMITING MAY OCCUR.

Effects of Overexposure:SEE "HEALTH HAZARDS"

Medical Cond Aggravated by Exposure:THE FOOD AND DRUG ADMINISTRATION LISTS SODIUM BENZOATE AS A DIRECT FOOD SUBSTANC

E AFFIRMED AS

GENERALLY RECOGNIZED AS SAFE. IN SENSITIVE PERSONNEL,CHRONIC RELAPSING URTICARIA MAY OCCUR AFTER INGESTION

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

First Aid:TREAT SYMPTOMATICALLY AND SUPPORTIVELY. GET MEDICAL ATTENTION IMMEDIATELY. IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT ASPIRATION.

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

Flash Point:NONE

Extinguishing Media:USE WATER SPRAY,FOG OR ALCOHOL FOAM.

Fire Fighting Procedures:MOVE CONTAINER FROM FIRE AREA IF POSSIBLE. DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESSURE WATER STREAMS. DIKE FIRE CONTROL WATER FOR LATER DISPOSAL.

Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:SWEEP UP AND PLACE IN SUITABLE CLEAN,DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH WITH WATER. KEEP UNNECESSARY PEOPLE AWAY.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED PLACE,AWAY FROM HEAT,IGNITION SOURCES AND INCOMPATIBLE MATERIALS.KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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

Respiratory Protection:NIOSH/MSHA DUST AND MIST WITH CARTRIDGE RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:PROVIDE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION SYSTEM.

Protective Gloves:IMPER

VIOUS GLOVES.
Eye Protection:SAFETY GLASSES W/SIDE SHIELDS.
Supplemental Safety and Health

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

HCC:N1
Melt/Freeze Pt:M.P/F.P Text:>572F/300C
pH:8
Solubility in Water:SLIGHTLY
Appearance and Odor:ODORLESS,COLORLESS TO WHITE HYGROSCOPIC CRYSTALLINE
POWDER.
Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES
MINERAL ACIDS.
Hazardous Decomp
osition Products:MAY RELEASE ACRID FUMES AND SODIUM
OXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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