

MATERIAL SAFETY DATA SHEET

DIFCO LABORATORIES, INC. P.O. BOX 331058, DETROIT, MI 48232
EMERGENCY TELEPHONE NUMBERS: 800 521-0851, 313 462-8500

CODE:0129

BILE SALTS

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REVISION: 1

EFFECTIVE:12/15/95

REGULATORY INFORMATION

CERCLA: This product contains no Reporting Quantity (RQ) substances.

SARA 311/312: May be subject to reporting.
313: Not subject to reporting.

TSCA: This product is exempt under TSCA.

EC DIRECTIVE:

Symbol: Xi Irritant
Risk Phrase: R36/37/38 Irritating to eyes, respiratory system and skin.
Safety Phrase: S24/25 Avoid contact with eyes and skin.
S22 Do not breathe dust.
S37/39 Wear suitable gloves and eye/face protection.
S51 Use only in well-ventilated area.
S7 Keep container tightly closed.

OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The appropriate precautionary handling shall be conducted by a person trained in, or supervised by a person trained in chemical handling.

EC = European Community

L-MSDS0129-1

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HAZARDOUS COMPONENTS INFORMATION

INGREDIENT	WT%	CAS #	TLV
Bile Salts	100	N Av	N.Est
INGREDIENT	LD50		
Bile Salts	N Av		

HAZARD IDENTIFICATION

Irritating to eyes, respiratory system and skin.
Avoid contact with eyes and skin. Do not breathe dust.
Wear suitable gloves and eye/face protection. Use only in well ventilated areas. Keep container tightly closed.

HMIS: Health 2 Flammability 0 Reactivity 0

EXPOSURE/HEALTH EFFECT:

EYE CONTACT: Causes irritation.
SKIN CONTACT: Frequent or prolonged contact causes irritation.
INHALATION: Causes irritation.
INGESTION: May be harmful if swallowed
CHRONIC EXPOSURE: None identified.
CARCINOGENICITY: None identified.
REPRODUCTIVE EFFECTS: None Identified.

FIRST AID

EYE CONTACT: Rinse immediately with plenty of water and seek medical advice.
SKIN CONTACT: Wash immediately with plenty of water.
INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice
INGESTION: Seek medical advice immediately and show this container or label.

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FIRE AND EXPLOSION HAZARD INFORMATION

EXTINGUISHING MEDIA: Appropriate for surrounding fire conditions.
SPECIAL INFORMATION: Wear self-contained breathing apparatus, and protective clothing to prevent contact with eyes and skin.
UNUSUAL FIRE HAZARDS: Emits toxic fumes under fire conditions.

ACCIDENTAL RELEASE MEASURES

SMALL SPILL: While wearing gloves and dust mask, wipe up with a damp sponge or mop, rinse down drain with plenty of water.
LARGE SPILL: While wearing protective equipment, sweep up and place in a container for proper disposal. Treat the remainder as a small spill.

HANDLING AND STORAGE

STORAGE TEMPERATURE & PRESSURE: Below 30 deg C - Atmospheric
GENERAL: Store in a cool, dry place.
ENGINEERING CONTROLS: Use a Chemical Fume Hood to control dust.

EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved respirator.
SKIN PROTECTION: Chemical resistant gloves and body-covering clothing to prevent contact.
EYE PROTECTION: Safety goggles

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Greenish beige, homogeneous, free-flowing powder.
BOILING POINT: Not applicable
EVAPORATION RATE: Not applicable

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pH: 6.0 - 8.0 at 25 deg C
SOLUBILITY IN WATER: Complete.
SPECIFIC GRAVITY (H2O=1): Not applicable
VAPOR DENSITY, (AIR=1): Not applicable
VAPOR PRESSURE (mm Hg): Not applicable
VOLATILITY: Not applicable
FLASH POINT: Not considered to be a fire hazard.
EXPLOSION: Not considered to be an explosion hazard.

STABILITY AND REACTIVITY

GENERAL: This product is stable and hazardous polymerization will not occur.
INCOMPATIBLE MATERIALS: None identified.
HAZARDOUS DECOMPOSITION: CO, CO2

TOXICOLOGICAL INFORMATION

The toxicological effects have not been thoroughly investigated.

ECOLOGICAL INFORMATION

The ecological effects have not been thoroughly investigated, but currently none have been identified.

DISPOSAL CONSIDERATIONS

This product is not considered a RCRA hazardous waste. Mix with a flammable solvent and burn in an EPA approved incinerator equipped with an afterburner and scrubber. Follow State and Local Environmental Regulations.

TRANSPORTATION INFORMATION

This is not a hazardous material for any transportation purpose.