MATERIAL SAFETY DATA SHEET - VITAMIN B - REGULAR AND HIGH LEVEL

SECTION 1 - MATERIAL IDENTIFICATION

MATERIAL NAME: Vitamin B Complex, Vitamin B Complex Forte
OTHER DESIGNATIONS: Vita-B Complex, Vita-Jec B-plex, High Level B-Complex, Fortified B-Complex, Vita-Jec Vitamin B Complex, Vitamin B Complex Forte 100 (or 200)
CHEMICAL FAMILY: Vitamins
TRADE NAME: See above.

SECTION 2 - INGREDIENTS AND HAZARDS

INGREDIENT: Thiamine Hydrochloride; PERCENT: 1.25; OSHA PEL: Not est.; HAZARD DATA / TOXICITY: LD50 8224 mg/Kg-oral-mouse
INGREDIENT: Riboflavin - 5'-phosphate, sodium; PERCENT: 0.2; OSHA PEL: Not. Est.; HAZARD DATA / TOXICITY: LD50 560 mg/Kg-IP-rat
INGREDIENT: Pyridoxine Hydrochloride; PERCENT: 0.5; OSHA PEL: Not. Est.; HAZARD DATA / TOXICITY: No data available
INGREDIENT: Niacinamide; PERCENT: 10.0; OSHA PEL: Not. Est.; HAZARD DATA / TOXICITY: 2500 mg/Kg-oral-rat
INGREDIENT: Cyanocobalamin; PERCENT: 0.01 - 0.02; OSHA PEL: Not est.; LD10 3mg/Kg-IP-mouse
INGREDIENT: Benzyl Alcohol; PERCENT: 1.5; OSHA PEL: Not est.; HAZARD DATA / TOXICITY: 1230 mg/Kg-oral-rat

SECTION 3 - PHYSICAL DATA

BOILING POINT AT 1 ATM °C: NA
VAPOR PRESSURE AT 15° C mm Hg: NA
VAPOR DENSITY (Air=1): NA
WATER SOLUBILITY AT 20°C: Complete
SPECIFIC GRAVITY 20/4 C: 1.04
EVAPORATION RATE (BuAc = 1): Negligible
VOLATILES, %: 1.5
MOLECULAR WEIGHT: NA
APPEARANCE AND ODOR: Clear, yellow/orange/reddish, non-viscous liquid; odor of benzyl alcohol.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD: NA
AUTO-IGNITION TEMPERATURE: NA
FLAMMABILITY LIMITS IN AIR: Not considered a fire hazard.
EXTINGUISHING MEDIA: Use any means available to extinguish the surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH-approved self-contained breathing apparatus operated in positive demand/pressure mode.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Light, heat freezing.
INCOMPATIBLE WITH: Oxidizers, reducing agents, alkalies, and alkaline compounds.
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes or sulfur oxides, nitrogen oxides, carbon oxides, and phosphorus oxides.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.

SECTION 6 - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE: Not established. Possible anaphylactic hypersensitivity. Possible eye, skin and/or respiratory tract irritation.
TARGET ORGANS: Not established.
PRIMARY ROUTE OF ENTRY: Eye, skin, ingestion.
FIRST AID: If irritation develops, seek prompt medical attention.
EYE CONTACT: Flush with copious amount of water, lifting upper and lower eyelids.
SKIN CONTACT: Wash with soap and copious amount of water, seek prompt medical attention.
INHALATION: Remove to fresh air, seek prompt medical attention.
INGESTION: Get immediate medical attention. Induce vomiting ONLY on the advice of medical personnel.

SECTION 7 - SPILL, LEAK, AND DISPOSAL PROCEDURES

SPILLS, LEAKS: Sweep or mop up released material into suitable container.
DISPOSAL: Ensure compliance with local, state, and federal regulations.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: None
VENTILATION: General dilution or local exhaust.
PROTECTIVE GLOVES: Rubber may be used.
EYE PROTECTION: Safety goggles or glasses may be used.
OTHER PROTECTIVE EQUIPMENT: None required if used in accordance with label directions.
SECTION 9 - SPECIAL PRECAUTIONS AND COMMENTS

STORAGE AND HANDLING INFORMATION: Read and follow all label directions.

For Veterinary Use ONLY, Not For Human Consumption

DOT CLASS: Not classified

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