

1654



Chemicals for Food, Pharmaceutical, Cosmetic and
Industrial Trades

UNIVERSAL PRESERV-A-CHEM INC.

MATERIAL SAFETY DATA SHEET

SECTION 1. - - - - - CHEMICAL IDENTIFICATION - - - - -

NAME: VITAMIN B6

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 58-56-0

MF: C8H11NO3

EC NO: 200-386-2

SYNONYMS PYRIDOXINE HYDROCHLORIDE

ADERMINE HYDROCHLORIDE * BECILAN * BENADON * CAMPOVITON 6 *
HEXABETALIN * HEXABIONE HYDROCHLORIDE * HEXAVIBEX * HEXERMIN *
HEXOBION * 3-HYDROXY-4,5-DIMETHYLOL-ALPHA-PICOLINE HYDROCHLORIDE * 5-
HYDROXY-6-METHYL-3,4-PYRIDINEDICARBINOL HYDROCHLORIDE * 5-HYDROXY-6-
METHYL-3,4-PYRIDINEDIMETHANOL HYDROCHLORIDE * 2-METHYL-3-HYDROXY-4,5-
BIS(HYDROXYMETHYL)PYRIDINE HYDROCHLORIDE * 3,4-PYRIDINEDIMETHANOL, 5-
HYDROXY-6-METHYL-, HYDROCHLORIDE * PYRIDIPCA * PYRIDOXINE,
HYDROCHLORIDE * PYRIDOXINIUM CHLORIDE * PYRIDOXINUM HYDROCHLORICUM
(HUNGARIAN) * VITAMIN B6 HYDROCHLORIDE * PYRIDOXINE HYDROCHLORIDE

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS

IRRITANT

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES - - - - -

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.

IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
AMOUNTS OF WATER.

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN

WASH CONTAMINATED CLOTHING BEFORE REUSE.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

WATER SPRAY.

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES- - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTION 8.

SECTION 8. - - - - - EXPOSURE CONTROLS/PERSONAL PROTECTION- - - - -

CHEMICAL SAFETY GOGGLES.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

NIOSH/MSHA-APPROVED RESPIRATOR.

SAFETY SHOWER AND EYE BATH.

MECHANICAL EXHAUST REQUIRED.

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

AVOID PROLONGED OR REPEATED EXPOSURE.

WASH THOROUGHLY AFTER HANDLING.

KEEP TIGHTLY CLOSED.

STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR

WHITE POWDER

PHYSICAL PROPERTIES

MELTING POINT: 205 C (DEC)

SECTION 10. - - - - - STABILITY AND REACTIVITY - - - - -

STABILITY

STABLE.

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

MAY DECOMPOSE ON EXPOSURE TO LIGHT.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

HYDROGEN CHLORIDE GAS

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

CAUSES EYE AND SKIN IRRITATION.

MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

OVEREXPOSURE BY INGESTION MAY RESULT IN NERVOUSNESS, TREMORS AND INSOMNIA.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

RTECS #: UV1350000

PYRIDOXOL, HYDROCHLORIDE

TOXICITY DATA

ORL-RAT LD50:4 GM/KG	ARZNAD 11,922,1961
SCU-RAT LD50:3 GM/KG	ARZNAD 11,922,1961
IVN-RAT LD50:530 MG/KG	ARZNAD 11,922,1961
ORL-MUS LD50:5500 MG/KG	ARZNAD 11,922,1961
SCU-MUS LD50:2450 MG/KG	ARZNAD 11,922,1961
IVN-MUS LD50:660 MG/KG	ARZNAD 11,922,1961
ORL-DOG LD50:>500 MG/KG	ARZNAD 11,922,1961
ORL-CAT LD50:1 GM/KG	ARZNAD 11,922,1961
IVN-CAT LD50:560 MG/KG	ARZNAD 11,922,1961
IMS-CAT LD50:500 MG/KG	ARZNAD 11,922,1961
IVN-RBT LD50:464 MG/KG	ARZNAD 11,922,1961
IVN-PGN LD50:145 MG/KG	ARZNAD 11,922,1961

TARGET ORGAN DATA

PERIPHERAL NERVE AND SENSATION (SPASTIC PARALYSIS WITH/WITHOUT SENSORY CH
 BEHAVIORAL (ALTERED SLEEP TIME)
 BEHAVIORAL (CONVULSIONS OR EFFECT ON SEIZURE THRESHOLD)
 BEHAVIORAL (EXCITEMENT)
 LUNGS, THORAX OR RESPIRATION (DYSPPNAE)
 GASTROINTESTINAL (CHANGES IN STRUCTURE OR FUNCTION OF SALIVARY GLANDS)
 GASTROINTESTINAL (HYPERMOTILITY, DIARRHEA)
 MATERNAL EFFECTS (POSTPARTUM)
 SPECIFIC DEVELOPMENTAL ABNORMALITIES (CENTRAL NERVOUS SYSTEM)
 EFFECTS ON NEWBORN (BIOCHEMICAL AND METABOLIC)
 ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
 (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR
 COMPLETE INFORMATION.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -

DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
 CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
 OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -

CONTACT SINOCEM TIANJIN CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

EUROPEAN INFORMATION

IRRITANT

R 36/37/38

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

S 26

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
 WATER AND SEEK MEDICAL ADVICE.

S 36

WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOES 1983: HZD X3950; NIS 8; TNF 1955; NOS 39; TNE 57249; TFE 35753

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

SECTION 16. - - - - - OTHER INFORMATION - - - - -