

Valid 11/2002 - 01/2003

CHEMICAL SAFETY GOGGLES.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.  
WASH THOROUGHLY AFTER HANDLING.  
AIR, LIGHT AND MOISTURE SENSITIVE.

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

PH: 7.0 - 8.0

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

STABLE.

INCOMPATIBILITIES

AIR, LIGHT AND MOISTURE SENSITIVE.

STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

CALCIUM OXIDE

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

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

ACUTE EFFECTS

MAY CAUSE SKIN IRRITATION.

MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

MAY CAUSE EYE IRRITATION.

MAY BE HARMFUL IF INHALED.

MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER  
RESPIRATORY TRACT.

MAY BE HARMFUL IF SWALLOWED.

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

RTECS #: RU4375000

PANTOTHENIC ACID, CALCIUM SALT (2:1), (+)-

TOXICITY DATA

ORL-RAT LD50:>10 GM/KG	NIIRDN 6,599,1982
IPR-RAT LD50:820 MG/KG	PSEBAA 45,311,1940
SCU-RAT LD50:3400 MG/KG	PSEBAA 45,311,1940
IVN-RAT LD50:830 MG/KG	NIIRDN 6,599,1982
ORL-MUS LD50:10 GM/KG	NIIRDN 6,599,1982
IPR-MUS LD50:920 MG/KG	PSEBAA 45,311,1940
SCU-MUS LD50:2700 MG/KG	PSEBAA 45,311,1940
IVN-MUS LD50:910 MG/KG	PSEBAA 45,311,1940

TARGET ORGAN DATA

BEHAVIORAL (SOMNOLENCE)

LUNGS, THORAX OR RESPIRATION (OTHER CHANGES)

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 - - - - -

CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF  
THIS MATERIAL.

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 SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

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

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOHS 1974: HZD 83849; NIS 7; TNF 398; NOS 22; TNE 19095

NOES 1983: HZD 83849; NIS 10; TNF 1870; NOS 35; TNE 29697; TFE 7601

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

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

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