



THE POWER OF THREE³

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471

Emergency Assistance CHEMTREC 1-800-424-9300

SODIUM ERYTHORBATE

PRODUCT IDENTIFICATION

PRODUCT NAME: SODIUM ERYTHORBATE CAS NO.: 6381-77-7

COMMON NAMES/SYNONYMS: SODIUM ISOASCORBATE;
SODIUM SALT OF D-ISOASCORBIC ACID; D-ARABOASCORBIC
ACID OR ERYTHORBIC ACID.

FORMULA: C₆ H₇ O₆ NA H₂O

MOLECULAR WEIGHT: 212.99

HAZARD RATING (NFPA 704 CRITERIA) HMIS RATING

HEALTH: 1 HAZARD RATING SCALE: HEALTH: 1

FIRE: 0 0=MINIMAL 3=SERIOUS FIRE: 1

REACTIVITY: 0 1=SLIGHT 4=SEVERE REACTIVITY: 0

SPECIAL: NONE 2=MODERATE

Manufacturer: PHARMCO-AAPER.

58 Vale Road

Brookfield, Connecticut 06804, USA

Phone (203) 740-3471

Fax (203) 740-3481

1101 Isaac Shelby Drive

Shelbyville, KY 40065

Phone (502) 633-0650

Fax (502) 633-0685

Emergency Contact:

CHEMTREC 1-800-424-9300

HAZARDOUS INGREDIENTS

EXPOSURE LIMITS, PPM

OSHA ACGIH OTHER

COMPONENT CAS NO. % PEL TLV LIMIT HAZARD

SODIUM ERYTHORBATE 6381-77-7 >99 NONE NONE NONE IRRITANT

PHYSICAL PROPERTIES

BOILING POINT, DEG F: N/D VAPOR PRESSURE, MM HG/20 DEG C: N/D

pH: 5-8 (10% SOLUTION)

MELTING POINT, DEG F: N/D VAPOR DENSITY (AIR=1): N/D

SPECIFIC GRAVITY (WATER=1): 1.2 WATER SOLUBILITY, %: APPRECIABLE

15 G/100G

APPEARANCE AND ODOR: WHITE EVAPORATION RATE (BUTYL ACETATE=1): N/D

TO OFF WHITE, ODORLESS CRYSTALLINE POWDER.

% VOLATILE (BY VOLUME): NOT APPLICABLE

FIRST AID MEASURES

IF INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT
BREATHING. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING
WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY.

GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF SKIN CONTACT: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.
IF SWALLOWED: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LOTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

-----**HEALTH HAZARD INFORMATION**-----

PRIMARY ROUTES OF EXPOSURE: SKIN OR EYE CONTACT, SWALLOWED.
SIGNS AND SYMPTOMS OF EXPOSURE
INHALATION: NONE CURRENTLY KNOWN.
EYE CONTACT: DUSTS MAY IRRITATE THE EYES.
SKIN CONTACT: PROLONGED OR REPEATED CONTACT WITH THE DUST MAY IRRITATE THE SKIN.
SWALLOWED: NONE CURRENTLY KNOWN.
CHRONIC EFFECTS OF EXPOSURE: NO SPECIFIC INFORMATION AVAILABLE.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE REPORTED.

-----**TOXICITY DATA**-----

ORAL: MOUSE LD50 = 8.3 G/KG (AS ACID)
DERMAL: NO DATA FOUND.
INHALATION: NO DATA FOUND.
CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OTHER DATA: NONE.

-----**PERSONAL PROTECTION**-----

VENTILATION: GENERAL ROOM VENTILATION.
RESPIRATORY PROTECTION: IF USE CONDITIONS GENERATE DUSTS, WEAR A NIOSHAPPROVED
RESPIRATOR APPROPRIATE FOR THOSE EMISSION LEVELS. APPROPRIATE RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CARTRIDGE RESPIRATOR WITH PARTICULATE FILTERS, A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR.
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS. IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.
PROTECTIVE CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, SAFETY SHOES, RUBBER GLOVES, AND RUBBER APRON.
OTHER PROTECTIVE MEASURES: AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

-----**FIRE AND EXPLOSION INFORMATION**-----

FLASH POINT, DEG F: N/A FLAMMABLE LIMITS IN AIR, %
METHOD USED: N/A LOWER: N/A UPPER: N/A
AUTOIGNITION TEMPERATURE, DEG.F: NO DATA FOUND
EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL, CO2, OR ALCOHOL FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELFCONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.
UNUSUAL FIRE AND EXPLOSION HAZARDS: DUST IN AIR CAN BE AN EXPLOSION HAZARD

-----**HAZARDOUS REACTIVITY**-----

STABILITY: STABLE POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE
MATERIALS TO AVOID: OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS: MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE OR OXIDES OF SODIUM.

-----**SPILL, LEAK, AND DISPOSAL PROCEDURES**-----

ACTION TO TAKE FOR SPILLS OR LEAKS: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, RUBBER GLOVES, RUBBER APRON, AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. IF THE SPILL OR LEAK IS SMALL, A FULL FACEPIECE AIRPURIFYING CARTRIDGE RESPIRATOR EQUIPPED WITH PARTICULATE FILTERS MAY BE SATISFACTORY. IN ANY EVENT, ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, SHOVEL INTO DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL.

COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING, AND HANDLING AND DISPOSAL OF WASTE.

DISPOSAL METHODS: DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

NOTE: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

-----**SPECIAL PRECAUTIONS**-----

STORAGE AND HANDLING PRECAUTIONS: STORE IN A COOL, DRY, WELL-VENTILATED PLACE AWAY FROM INCOMPATIBLE MATERIALS. KEEP BAGS OR FIBER DRUMS DRY AT ALL TIMES. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

REPAIR AND MAINTENANCE PRECAUTIONS: DO NOT CUT, GRIND, WELD, OR DRILL ON OR NEAR THIS CONTAINER.

OTHER PRECAUTIONS: THIS PRODUCT IS INTENDED FOR USE IN FOOD, ANIMAL FEED, DRUG, OR COSMETIC MANUFACTURE AND IT HAS BEEN PRODUCED AND PACKAGED IN ACCORDANCE WITH STRICT QUALITY PRACTICES. MAINTAIN THIS QUALITY LEVEL BY STORING THIS PRODUCT AWAY FROM OTHER CHEMICALS, HANDLING IT WITH CARE, AND AVOIDING ALL SOURCES OF CONTAMINATION.

OTHER PRECAUTIONS: CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

-----**ECOLOGICAL INFORMATION SECTION**-----

NO DATA FOUND

-----**OTHER REGULATORY INFORMATION**-----

SECTION 313: NONE

PROPOSITION 65: NONE

SECTION 313 & PROP.65: NONE

SECTION 313 (WITH CHEMICALS LISTED): NONE

PROPOSITION 65 (WITH CHEMICALS LISTED): NONE

MASSACHUSETTS: NONE

PENNSYLVANIA: NONE

CALIFORNIA SCAQMD: NONE

TSCA: THE INGREDIENTS OF THIS PRODUCT ARE ON THE TSCA INVENTORY.

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA): No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA

The information contained herein is based on data considered to be accurate. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product.