

Safety Data Sheet

Section 1: PRODUCT AND COMPANY IDENTIFICATION



Manufactured For: ENPAC, LLC
34355 Melinz Parkway
Eastlake, OH 44095
800-936-7229

Product Name:
ENSORB Degreaser

Product Use:
For Industrial/Institutional use only

FOR TRANSPORTATION EMERGENCY: CHEMTREC 800-424-9300

This number is to be used ONLY in the case of emergencies involving a spill, leak, fire exposure or accident involving chemicals.

FOR MEDICAL EMERGENCY: CHEMTREC 800-424-9300

Section 2: HAZARD IDENTIFICATION

Signal Word:

None

Precautionary Statements (PREVENTION)

P262 + P264 + P281 + P273 Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Use personal protective equipment as required. Avoid release to the environment

Precautionary Statements (RESPONSE)

P305 + P351 + P338 + P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. Get immediate medical advice/attention

P301 + P314 IF SWALLOWED: Get Medical attention if you feel unwell

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P303 + P333 + P352 + P362 IF ON SKIN (or hair): If skin irritation or a rash occurs: Wash with soap and water. Take off contaminated clothing and wash before reuse

Precautionary Statements (STORAGE)

P404 Store in a closed container

Precautionary Statements (DISPOSAL)

P501 Dispose of contents and/or container in accordance with all Local, State and Federal regulations

Emergency Overview

Causes eye irritation

May cause skin irritation

Ingestion may cause irritation to mucous membranes

Avoid contact with skin, eyes and clothing.

Section 3: COMPOSITION INFORMATION

Chemical Name	Common Name/ Synonyms	CAS Number	Maximum %
Ethylene Glycol Butyl Ether	2-Butoxyethanol Butyl glycol EB Solvent	000111-76-2	8
Tetrapotassium Pyrophosphate	Tetrapotassium Pyrophosphate, Diphosphoric acid, tetrapotassium salt, Potassium diphosphate, Potassium Pyrophosphate, Pyrophosphoric acid, tetrapotassium salt, Tetrapotassium diphosphate, Tetrapotassium diphosphate, TKPP	007320-34-5	2
Ethylenediamine tetraacetic Acid, Tetrasodium Salt	EDTA	000060-00-4	1

If this product contains chemicals subject to the reporting requirements of Section 313 of EPCRA of 1986, they will be listed in Section 15

N/E = None Established N/A = Not Applicable

Section 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during this flushing with water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

GET MEDICAL ATTENTION if symptoms persist.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse.

GET MEDICAL ATTENTION if symptoms persist.

Ingestion: CALL A PHYSICIAN. Unless otherwise advised by a physician, induce vomiting by giving syrup of ipecac followed by two glasses of water or by sticking finger down throat. Do not give anything by mouth to an unconscious person.

GET MEDICAL ATTENTION if symptoms persist.

Inhalation: Remove to fresh air. If not breathing, administer artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.

GET MEDICAL ATTENTION if symptoms persist.

Note to Physician: No specific antidote is known. Therapy is directed at preventing absorption, administering to the symptoms as they occur and providing supportive therapy.

Section 5: FIRE FIGHTING MEASURES

Flash Point (TAG Closed Cup): > 200°F

Upper Flammable Limit (% in Air): Not Determined

Lower Flammable Limit (% in Air): Not Determined

Extinguishing Media: Water spray, dry chemical, carbon dioxide. Use water spray to cool nearby containers and structures exposed to fire.

Special Fire-Fighting Procedures: Evacuate non-emergency personnel to a safe area. Contact emergency personnel as necessary. Avoid breathing smoke, fumes and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Unusual Fire & Explosion Hazards: None known.

Section 6: ACCIDENTAL RELEASE MEASURES

Material Spill or Release: STEPS TO BE TAKEN: 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 face piece air-purifying cartridge respirator equipped for organic vapors may be satisfactory. In any event, always wear eye protection.

For large spills, contain by diking with soil or other noncombustible sorbent material and then pump into DOT approved waste containers; or absorb with noncombustible sorbent material, place in DOT approved waste containers. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOILS. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste.

Section 7: HANDLING AND STORAGE

Precautions to be Taken Avoid skin and eye contact.

Avoid excessive inhalation of vapors and mists.

Wash thoroughly after handling. Clean contaminated clothing before reuse.

Store in cool, well ventilated place away from incompatible chemicals and materials.

An eye/face fountain and deluge shower should be available in the work area.

Empty containers may retain vapors or product residue.

Always obey hazard warnings and handle empty containers as if they were full.

Do not get in eyes, on skin or on clothing.

Do not swallow.

Do not breath vapors or mists.

Do not eat, drink or smoke in work area containing chemicals.

Section 8: PERSONAL PROTECTION AND EXPOSURE CONTROLS

Respiratory Protection: Use NIOSH/NSHA approved dust/mist filter respirator for routine work purposes when exposure to dusts or mists exceed the permissible exposure level (PEL). The respirator use limitations made by NIOSH/NHSA 20 CFR 1910.134.

Ventilation: Use ventilation adequate to keep exposures to hazardous ingredients below their Threshold Limit Values (TLV) or Permissible Exposure Levels (PEL). See Section 2. Local exhaust should be sufficient to maintain dust and mist levels below the PEL.

Eye Protection: Chemical splash goggles if eye contact is likely.

Protective Gloves: Impervious gloves (rubber, nitrile or neoprene).

Other Protective Equipment: Appropriate protective clothing if working with concentrated products. Products at use dilution MAY present less risk but protective clothing should still be worn.

Chemical Name	NIOSH REL	OSHA (PEL)	ACGIH (TLV)	OSHA (STEL)
		TWA	TWA	TWA
Ethylene Glycol Butyl Ether	N/E	50 ppm	25 ppm	N/E
Tetrapotassium Pyrophosphate	N/E	N/E	N/E	N/E
Ethylenediamine tetraacetic Acid, Tetrasodium Salt	N/E	N/E	N/E	N/E

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid with mild odor

Boiling Range (760 mm Hg): > 212°F

Melting Range (760 mm Hg): Not Determined

Vapor Pressure (mm Hg): < 1

Vapor Density (Air = 1): > 1

Specific Gravity (Water = 1): 1.012 - 1.032

**% Volatile (By Weight,
Excluding Water):** 8

Evaporation Rate (BuAc = 1): < 1

Solubility (In Water): Complete

pH (Concntrate) 10.50 - 11.50

pH (1% Aqueous) 8.00 - 12.00

Section 10: STABILITY AND REACTIVITY

Stability:

Conditions to Avoid:

Materials to Avoid:

Hazardous Decomposition Products:

Hazardous Polymerization:

Section 11: TOXICOLOGICAL INFORMATION

Chemical Name	NTP	IARC	ACGIH	Subpart Z	OSHA
Ethylene Glycol Butyl Ether	No	No	No	No	No
Tetrapotassium Pyrophosphate	No	No	No	No	No
Ethylenediamine tetraacetic Acid, Tetrasodium Salt	No	No	No	No	No

Section 12: ECOLOGICAL INFORMATION

No Data Available

Section 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method(s): Dispose of contaminated material in accordance with all Federal, State, and Local regulations. Recycle if feasible or treat at an industrial or liquid waste facility.

Section 14: TRANSPORT INFORMATION

Packing Group: None	RCRA Identification Number: None
UN Proper Shipping Name: Compound, cleaning, liquid n.o.s.	UN Identification Number: None
UN Hazard Classification: Not Regulated	UN Hazard Label: Not Regulated

Section 15: REGULATORY INFORMATION

FEDERAL INFORMATION

Chemical Name	CAS #	Max % Clean Air Act	313 Toxic Chemicals	Clean Water Act	CERCLA Reportable Quantity (Pounds)	Reportable Product quantity (Pounds)
Ethylene Glycol Butyl Ether	000111-76-2	8	Yes	No	None	n/a
Tetrapotassium Pyrophosphate	007320-34-5	2	No	Yes	5000	250,000
Ethylenediamine tetraacetic Acid, Tetrasodium Salt	000060-00-4	1	No	Yes	5000	500,000

STATE INFORMATION

Chemical Name	CAS #	Max %	State Lists	Proposition 65
Ethylene Glycol Butyl Ether	000111-76-2	8	MA1, NJ1, PA1	No
Tetrapotassium Pyrophosphate	007320-34-5	2	None	No
Ethylenediamine tetraacetic Acid, Tetrasodium Salt	000060-00-4	1	MA1, NJ1, PA1E	No

INTERNATIONAL INFORMATION

Chemical Name	CAS #	Max %	Canadian DSL (Y/N)	EINECS Number	WHMIS
Ethylene Glycol Butyl Ether	000111-76-2	8	Yes	203-905-0	None
Tetrapotassium Pyrophosphate	007320-34-5	2	Yes	230-785-7	None

Ethylenediamine tetraacetic Acid, 000060-00-4 1 Yes None None
Tetrasodium Salt

5. All ingredients in this product are listed on the USTSCA Inventory

Section 16: OTHER INFORMATION

The Supplier urges each customer or recipient of this Safety Data Sheet to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as necessary or appropriate to use and understand the data contained in this Safety Data Sheet.

To promote safe handling, each customer or recipient should: 1) Notify its employees, agents, contractors and other whom it knows or believes will use this material of the information in this Safety Data Sheet and any other information regarding hazards or safety; 2) Furnish this same information to each of its customers for the product; and 3) Request its customers to notify their employees, customers and other users of the product, of this information.

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