



Safety Data Sheet

Date: 1/19/2017
Revision Date: 11/2024

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY INFORMATION

1.1 Product identifier

Product Identity: ENSORB Degreaser

1.2 Relevant identified uses of the substance or mixture and uses advised against intended use

Application method: For industrial/institutional use only

1.3 Details of the supplier of the safety data sheet

Manufactured for: ENPAC LLC Phone: 1-800-936-7229
34355 MELINZ PARKWAY Email: info@ENPAC.com
EASTLAKE, OH 44095 www.ENPAC.com

In case of emergencies: This number is to be used ONLY in the case of emergencies involving a spill, leak, fire exposure, or accident involving chemicals. CHEMTREC 1-800-424-9300

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Signal word

No applicable signal word

2.2 Precautionary statements

Prevention: 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.

Response:

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get immediate medical advice/ attention.

Ingested: Seek medical attention if you feel unwell.

Inhalation: Remove patient to fresh air and keep at rest in a position comfortable for breathing.

Skin: If skin irritation or a rash occurs: wash with soap and water. Take off contaminated clothing and wash before reuse.

Storage: Store in a closed container.

Disposal: 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 ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations:

Chemical Name	Common Name/Synonyms	Maximum %
ETHYLENE GLYCOL BUTYL ETHER CAS NUMBER: 000111-76-2	2-Butoxyethanol Butyl Glycol EB Solvent	8
TETRAPOTASSIUM PYROPHOSPHATE CAS NUMBER: 007320-34-5	Tetrapotassium Pyrophosphate, Diphosphoric Acid, Tetrapotassium Salt, Potassium Diphosphate, Potassium Pyrophosphate, Pyrophosphoric Acid, Tetrapotassium Salt, Tetrapotassium Diphosphate, Tetrapotassium Diphosphorate, TKPP	2
ETHYLENEDIAMINE TETRAACETIC ACID, TETRASODIUM SALT CAS NUMBER: 000060-00-4	EDTA	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.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- General:** In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.
- Eyes:** Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and removing contact lenses.
Seek medical attention if irritation persists.
- Skin:** 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.
- Ingestion:** If swallowed, 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.
- Inhalation:** Remove patient to fresh air. If not breathing, administer artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen.
- Physician Note:** No specific antidote is known. Therapy is directed at preventing absorption, administering to the symptoms as they occur and providing supportive therapy.
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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

5.1 Extinguishing media

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

5.2 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.

5.3 Unusual fire & explosion hazards:

None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Material spill or release

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 non-combustible sorbent material, and then pump into DOT approved waste containers; or absorb with non-combustible sorbent material, and place in DOT approved waste containers.

KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS AND SOILS.

Comply with applicable governmental regulations on spill reporting. Dispose of contents and/or container in accordance with all local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid skin and eye contact.

Avoid ingestion and inhalation.

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

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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 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.

8.2 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.

8.3 Eye Protection

Chemical splash goggles if eye contact is likely.

8.4 Protective gloves

Impervious gloves (rubber, nitrile, or neoprene).

8.5 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) TWA	ACGIH (TLV) TWA	OSHA (STEL) TWA
ETHYLENE GLYCOL BUTYL ETHER	None Established	50 ppm	25 ppm	None Established
TETRAPOTASSIUM PYROPHOSPHATE	None Established	None Established	None Established	None Established
ETHYLENEDIAMINE TETRAACETIC ACID, TETRASODIUM SALT	None Established	None Established	None Established	None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1** Physical properties

Appearance	Clear colorless liquid
Odor	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 (concentrate)	10.50 - 11.50
pH (1% Aqueous)	8.00 - 12.00

SECTION 10: STABILITY AND REACTIVITY**10.1** Stability

No data available.

10.2. Conditions to avoid

No data available.

10.3. Materials to avoid

No data available.

10.4. Hazardous decomposition products

No data available.

10.5. Hazardous polymerization

No data available.

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**13.1** Waste disposal method(s)

Dispose of contents and/or container in accordance with all local, state, and federal regulations. Recycle if feasible or treat at an industrial or liquid waste facility.

SECTION 14: TRANSPORT INFORMATION**14.1** UN number

None

14.2 UN proper shipping name

Compound, cleaning, liquid n.o.s.

14.3 Transport hazard class(es)

Not regulated

14.4 UN hazard label

Not regulated

14.5 Packing group

None

14.5 RCRA ID Number

None

SECTION 15: REGULATORY INFORMATION**15.1** Federal Information

Chemical Name	Max %	Clean Air Act	313 Toxic Chemicals	Clean Water Act	CERCLA Reportable Quantity (Pounds)	Reportable Product Quantity (Pounds)
ETHYLENE GLYCOL BUTYL ETHER CAS NUMBER: 000111-76-2	8	Yes	Yes	No	None	N/A
TETRAPOTASSIUM PYROPHOSPHATE CAS NUMBER: 007320-34-5	2	No	No	Yes	5,000	250,000
ETHYLENEDIAMINE TETRAAACETRIC ACID, TETRASODIUM SALT CAS NUMBER: 000060-00-4	1	No	No	Yes	5,000	500,000

15.2 State Information

Chemical Name	Max %	State Lists	Prop 65
ETHYLENE GLYCOL BUTYL ETHER CAS NUMBER: 000111-76-2	8	MA1, NJ1, PA1	No
TETRAPOTASSIUM PYROPHOSPHATE CAS NUMBER: 007320-34-5	2	None	No
ETHYLENEDIAMINE TETRAAACETRIC ACID, TETRASODIUM SALT CAS NUMBER: 000060-00-4	1	MA1, NJ1, PA1E	No

15.3 International Information

Chemical Name	Max %	Canadian DSL	EINECS Number	WHMIS
ETHYLENE GLYCOL BUTYL ETHER CAS NUMBER: 000111-76-2	8	Yes	203-905-0	None
TETRAPOTASSIUM PYROPHOSPHATE CAS NUMBER: 007320-34-5	2	Yes	230-785-7	None
ETHYLENEDIAMINE TETRAAACETRIC ACID, TETRASODIUM SALT CAS NUMBER: 000060-00-4	1	Yes	None	None

15.4 All ingredients in this product are listed in 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 customer 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 others 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 the same information to each of its customers for the product;
- 3) Request its customers to notify their employees, customers and other users of the product, of this information.