

ECOPPOINT

TECHNICAL DATA SHEET

By nature,
for life

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TECHNICAL DATA SHEET

E.P. Bio Degreaser. VOC-free, water-dilutable cleaner and degreaser, with the power of natural solvents.

Product description

E.P. Bio Degreaser is a concentrated microemulsion without CLP labelling that can be diluted with water for a wide range of applications.

Based on fully biodegradable and natural (bio-based) constituents. The addition of bio-based complexing agents also makes the product revolutionary and a replacement for many environmentally hazardous chemical degreasers.

This product makes it possible to dilute a solvent with water, allowing solvent power to be combined with the power of dilution. This results in a product that is both economical and powerful.

Solution areas

- heavy industrial pollution
- residues of mineral, vegetable and animal-based oils
- tectyl and tar residues
- greasy surfaces
- hazardous solvents
- corrosive cleaners
- unsafe working conditions
- various contaminants

Sustainable solution

E.P. Bio Degreaser is a very powerful, concentrated degreaser that can be used at locations where water is allowed and can be used to solve the problems described above, which results in a clean, safe and pleasant working environment.

E.P. Bio Degreaser lives up to the term: Safe&Save; the product is free from CLP labelling and non-hazardous to use, transport and store, as well as being water-dilutable, making it economical.

Special advantages

- Unlabelled for use, transport and storage.
- Water-dilutable.
- Contains natural components, giving the product a biological basis. The components come from sustainable sources.
- Is a concentrated product and therefore economical to use.
- Can be used undiluted on heavy contaminants such as tar and bitumen and diluted for greases and oils; i.e. it is multi-functional.
- Non-flammable, non-corrosive, non-irritant, not highly volatile.
- A multi-functional product and can therefore replace various other products. Fewer different, often chemical, environmentally hazardous agents therefore need to be kept in stock.
- When used in diluted form, E.P. Bio Degreaser gives high surface energy and therefore excellent adhesive value in many applications (bonding method).

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Areas of application

- Cleaning machines and floors that are contaminated with oil and grease
- Removing tar and tectyl residues from cars
- Cleaning contaminated truck tarpaulins
- Cleaning tools
- Cleaning machinery and equipment used in the asphalt industry
- Cleaning drive chains
- Removing greases from bearing and guide tracks
- Degreasing substrates before painting and coating
- Cleaning synthetic materials (e.g. HPL)
- Cleaning workplaces and floors, both mechanically and by hand (spot treatment)

Comments

Test before using on sensitive surfaces, especially at higher concentrations. Rinse with water or clean with a wet sponge.



Seen its multipurpose characteristics, E.P. Bio Degreaser is suitable for the food processing industry.

It can play an essential role for food processing companies that have to work according to HACCP standards. Contamination is a “critical point” and must be kept under close surveillance. E.P. Bio Degreaser contributes to a controlled working environment.

*Is an independent German research institute that issues certificates for adequacy of cleaning products for the food industry.

Procedure

Besides natural solvents, E.P. Bio Degreaser has natural surfactant constituents that lower the surface tension of the cleaning solution to such a degree that the product even penetrates deeply into hair cracks, allowing them to be cleaned too.

- E.P. Bio Degreaser emulsifies the contamination allowing it to be collected and disposed of. If using an oil separator, this will separate the oil contamination from the water fraction.
- E.P. Bio Degreaser can be diluted with water, from 1:1 to 1:50, depending on the degree and type of contamination. Consult your product consultant for the level of dilution.
- Immerse the object to be cleaned in the E.P. Bio Degreaser. Allow the product to work on the contamination. Remove the object from the bath and thoroughly rinse it with water.
- Spray the object using the correct level of dilution, allow to soak, then rinse with water.
- Apply E.P. Bio Degreaser with a brush, allow the product to soak in, brush off the contamination and then rinse with water.

Packing material

Eco-Point International packages its products in metal or HD Polythene and accepts returns of empty/clean packages for recycling or reconditioning free of charge when further orders are placed. PE has no harmful effect on the environment when incinerated.

Spray bottles used by Eco-Point International are made of PE or PET: lightweight, low use of raw materials per package, low use of energy in production, virtually unbreakable, therefore has a long life cycle, low quantities of waste during production and subsequent recycling, no toxic substances upon incineration and 100% recyclable.