

Material Safety Data Sheet

Date of issue: December 2021

Date of Review: November 2024

1. Product & Company Identification

- **Brand name:** Eko Power® Degreaser
- **Manufacturer / Supplier:** EcoCare Technologies Pvt Ltd, A176, Sector 83, Noida - 201304
- **Emergency Information:**
 - **Contact number:** +91 – 9899786738 | +91 9410099777
 - **Email :** ecocare@ecocaretech.com

2. Hazards identification

Classification: Corrosive product.

- **Hazards for men and environment:**
 - Causes severe or permanent damage.
 - Causes severe burns.
 - Severe irritant, may cause pulmonary oedema.
 - Causes severe burns if ingested.
- **Classification system:** The product comes under industrial and domestic usage.
- **Additional information:** Degreaser



3. Composition and information on ingredients

- **Chemical characterization:**
- **Hazardous ingredients:**

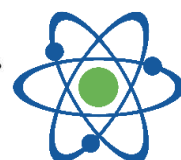
Ingredient name	CAS no.	Composition
Caustic soda	1310-73-2	0 – 2%
Linear Alkyl Benzene Sulphonic acid	67774-74-7	1 – 5%
Sodium Metasilicate	6834-92-0	5 – 10%

4. First Aid Measures

- **General information:** No special measure required.
- **Inhalation:** Remove from source of exposure. Seek medical attention if effect persists.

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 CIN: U74999UP2016PTC088644 | GSTIN: 09AAECE4892P1ZT



- **Skin Contact:** Wash thoroughly.
- **Eye contact:** Rinse immediately with plenty of water, holding eyelids open and obtain medical attention.
- **Ingestion:** Remove product from mouth, give a small quantity of water to drink. Do not induce vomiting.

5. Fire Fighting Measures

- **Suitable Extinguishing media:** Non-flammable.
CO₂, Extinguishing powder or water jet. Fight larger fires with water jet or alcohol – resistant foam.
- **Protective Equipment:** Put on breathing apparatus.

6. Accidental Release Measures

Measures required if material released or spilled over in large quantity.

- **Protection of personnel:** Wear PVC suit with face shield, Nitrile gloves.
- **Environmental precautions:** Dilute with plenty of water.
- **Method of disposal:** Absorb liquid using sand / saw dust or cotton waste. Dispose off absorbed material according to the local and applicable legal regulations.
- **Additional information:** Not known to release dangerous materials.

7. Handling & Storage

Personal protective equipment required for application of the product.

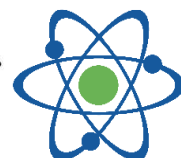
- **Handling:** Use Nitrile gloves. Applicable suitable protective eyes protection.
- **Information for Safe Handling:** Use common safety rules while handling chemicals.
- **Information about protection against explosion and fires:** No special measures required.
- **Storage:** Store in cool and dry place away from direct sunlight.
- **Requirements for storage rooms and containers:** Store in original container only.
- **Storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None

8. Exposure controls and personal protection

- **Additional information about design of Technical system:** No further data. See section 7.
- **Components with limit values that require monitoring at the workplace:** The product not contain any relevant quantities of materials with critical values that to be monitored.
- **Additional information:** The lists valid during the compilation used as basis.
- **Personal protection equipment:** Nitrile gloves and eye protection.

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- **General Protective and hygiene measures:**
- **Breathing equipment:** Use only in well ventilated area.
- **Protection of hands:** Chemical-resistant protective gloves made of butyl or nitrile rubber (EN374, category III).
- **Eye protection:** Safety glasses / Suitable eyes protective equipment.

9. Physical & Chemical properties

General information

- **Appearance:** Clear liquid free from any extraneous matter.
- **Colour:** Reddish coloured liquid.
- **Odour:** Characteristics
- **Condition changes**
 - **Melting point / Range:** Not determined.
 - **Boiling point / Range:** >100°C
- **Flash point:** Not relevant.
- **Spontaneous combustion:** Non – flammable.
- **Danger of explosion:** Product is non-explosive. Not relevant.
- **Density @25°C:** 1.0 ± 0.1
- **Solubility / Miscibility with water:** Miscible in all proportion.
- **pH (at such / certain concentration):** Alkaline (>9.0)

10. Stability & Reactivity

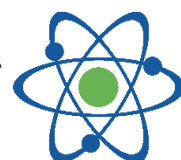
- **Thermal decomposition:** No decomposition if used according to the instruction mentioned in Product information sheet and for specified application.
- **Dangerous reactions:** No dangerous reaction known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11. Toxicological information

- **Primary irritant effect:**
 - **Skin contact:** Unlikely to be irritant in normal use.
 - **Eye contact:** Unlikely to be irritant in normal use.
 - **Inhalation:** Unlikely to be irritant or harmful in normal use.
 - **Ingestion:** Unlikely to be harmful unless excess amount is ingested.
- **Additional toxicological information:** When used and handled according to instructions, the product is unlikely to have any side / harmful effects.

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12. Ecological information

- **General notes:** Anionic surfactants 15 to 30%. Also contains preservatives.
The surfactants used in this product are biodegradable in line with the requirements of local directives and their subsequent amendments.

13. Disposal considerations

- **Product:**
 - **Recommendation:** Must not be disposed in normal drain or domestic waste. Do not allow undiluted product to reach to sewage.
- **Uncleaned packaging:**
 - **Recommendation:** Dispose off as per local and applicable regulations.
- **Recommended cleaning agent:** Water is best cleaning agent for the product.

14. Transport information

Land Transport ADR / RID:

- **IMDG Maritime:** Sodium Hydroxide, UN 1824, Class – 8, PG III
- **Air transport:** Sodium Hydroxide, UN 1824, Class – 8, PG III
- **Additional information on Transportation**
UN 1824,
Class – 8,
PG III

15. Regulatory information

Classification:

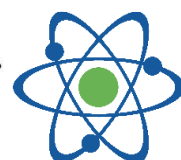
Hazard symbol – C Corrosive
Risk Phrase – R35
Safety Phrase – S26, S36/37/39, S45



EcoCare[®]
Hygiene & Water

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16. Other Information

Xi – Irritant
C – Corrosive

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Version – 0.00

Date of Issue – 15th December 2021

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