



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	:-	T-Clean Metal Cleaner
Package	:-	5 Kg container
Application	:-	Before Pickling & Passivation of Stainless steel
Product Use	:-	Metal Cleaner
Item brand	:-	T-Clean
Manufacturer	:-	Techno services
Physical Address	:-	242/243, G.I.D.C kabilpor, 396424, P.O. Box no. 396424
Business Phone	:-	99245-59751 / 7622005114
E-mail Address	:-	tcleannvs@gmail.com
Web Address	:-	www.tclean.in

2. INGREDIENTS

MATERIAL	CAS #	% BY WT.
Soda Ass	497-19-8	10%
Costic Lie	1310-73-2	60%
Water / Powder	-----	30%

3. HAZARD IDENTIFICATION

Emergency Overview:-

Oil Cleaner Degreaser is Non-Corrosive, Non-Toxic, and does not pose any known acute or chronic physical hazards.

PLOT: 242 / 243, G.I.D.C., KABILPORE, NAVSARI - 396 424. TEL.: 7622005114/ Mobile: +91 99245 59751

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Carcinogenic :- NTP or OSHA does not consider this product a carcinogen

Effects of Overexposure :-

Skin :- Non-Corrosive. No effect under normal use. Product may cause irritation or rash to those with hypersensitivity. Prolonged contact may result in dryness and ulceration.

Eyes :- Can cause eye irritation.

Ingestion :- Non-Toxic per Consumer Product Safety Commission and FHSA standards. Acute oral LD50 greater than 5 g/kg.

Inhalation :- No effect under normal use. Excessive inhalation may cause irritation of the respiratory passages.

4. FIRST AID MEASURES

Skin Contact:- Remove contaminated clothing. Rinse skin with warm water for 15 minutes. If irritation occurs seek medical attention.

Eye Contact :- Flush with water for 15 minutes. If irritation persists seek medical attention.

Ingestion :- Drink large quantities of water. Call physician immediately.

Inhalation :- Remove to fresh air immediately. If irritation persists, contact physician.

5. FIRE AND EXPLOSION HAZARD

Flammability of the product	Non Flammable
Flash Point	None to Boiling
Extinguishing Media	Dry Chemical, Water Fog, Co2, Sand
Fire Fighting Procedures	Wear Self Contained Breathing Apparatus
Products of combustion	Carbon oxides
Fire Hazards in the presence of other chemicals	No specific information is available
Unusual Fire Hazards	None Expected

6. ACCIDENTAL RELEASE MEASURES

Small Spill :- Absorb with industrial absorbent. Dispose of in accordance with local, state & federal regulations. Rinse residue to avoid slippery conditions.

Large Spill :- Non-flammable material. Wear chemical resistant gloves, boots and goggles. Stop the source of the spill. Collect the spill using mechanical means.

Waste disposal method:- Fully water-soluble. Follow all local, state and federal regulations.

7. HANDLING & STORAGE

Precautions :- Store containers upright in cool dry place.

Storage :- Store product in original containers. Do not store in metal vessels.

Other precautions :- Keep out of reach of children.

8. EXPOSURE CONTRIOLS & PERSONAL PROTECTION

Engineering Controls :-

No control measures are required under normal conditions. If large quantities are involved use NIOSH or MSHA approved respirator Limited personal exposures exist with this product. As always keep airborne vapors below TLV limits. Ensure that proper work-station safety mechanisms are operative and tested including showers and eyewash stations.

Personal Protection :-

Safety glasses are recommended, chemical resistant gloves aprons and suits are optional for those with dermatological sensitivity.

9. ECOLOGICAL DATA

Non-toxic to Aquatic Organisms Fathead Minnow (*Pimephales promelas*) LC50 > 200mg/L at 96 hours.



10. PHYSICAL DATA

Boiling point	:- 200o F
Voc content	:- 42 LBS/GAL
Vapor pressure	:- 4.0 mm Hg @ 77 F (ASTM D-2879)
Solubility in water	:- COMPLETE
Appearance and odor	:- Clear Solution With A Characteristic Odor
Specific gravity	:- 1.052 (ASTM 112H @ 20o C)
Evaporation rate	:- 1.2 (water=1.0)

11. REACTIVITY DATA

Conditions To Avoid	:- Extreme Heat
Stability	:- Stable
Polymerization	:- Will Not Occur
Corrosivity	:- Non-corrosive

12. TOXICOLOGICAL DATA

Routes of Entry	:- Eyes, skin, ingestion.
Toxicity to animals	:- Non-Toxic per Consumer Product Safety Commission and FHSA standards. Acute oral LD50 greater than 5 g/kg.
Effect on Humans	:- None known.
Special Remarks	:- None.

13. DISPOSAL CONSIDERATIONS

Waste Disposal	:- Dispose of in accordance with local, state & federal regulations. Rinse residue to avoid slippery conditions.
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14. TRANSPORT INFORMATION

DOT CLASSIFICATION :- Not Applicable - Non-regulated; Non-hazardous.

15. REGULATORY INFORMATION

All components used in this compound appear on the TSCA Inventory.

Federal/National :- 2 Butoxyethanol

This chemical is subject to S.A.R.A. Title III section 313 part 372 reporting. The hazard communication standard requires that mixtures such as this product be assumed to present the same health hazards, as do the components that constitute at least 1% of the mixture. OSHA has, however, noted that the health hazards of the individual components may be reduced or altered by including them in a mixture.

16. OTHER INFORMATION

Person using this product. Product use and conditions of use are beyond the control of T-clean. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, This SDS format is in accordance with T-clean provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained expressed or implied, are made.