

# MATERIAL SAFETY DATA SHEET

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Emergency Telephone: 1-888-296-5236

## Section 1 - Product Information

**Product Name:** Total Klean

**Description:** All purpose cleaner degreaser

**Synonyms:** None

**Molecular Formula:** N/A

**Chemical Family:** Mixture

## Section 2 - Hazardous Ingredients

Chemical Names(s):	CAS Number	OSHA	PEL
Sodium Phosphate, Tribasic	7758-29-4	NE	NE
Sodium Metasilicate	6834-92-0	6 mg/M3	NE
Sodium Hydroxide	1310-73-2	2 Ceiling	NE

NE= None Established

## Section 3 - Physical Properties

**Appearance and Odor:** Red Fluid, Slight characteristic odor.

**Specific Gravity:** 1.1

**PH:** 12

**Boiling Point:** 212 F

**Solubility in water:** Complete

**Vapor Density:** <1

**%Volatiles:** 87.5 by weight

**Evaporation Rate (BAc = 1):** < 1

## Section 4 - Fire and Explosion Data

**Flash Point:** Not Applicable:

**Extinguishing Media:** CO2; Water fog, Dry Chemical

**Unusual Hazards:** None

## Section 5 - Health Effects

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Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Overexposure:** Effects Based on test data and experience with similar products it is believed that this is a low hazard material. Ingestion may cause gastric upset, pain, diarrhea, lethargy. Inhalation of the vapors may result in respiratory irritation.

**Chronic Overexposure Effects:** Corrosive to skin and eyes; prolonged inhalation of this product may cause ulcers to the upper respiratory tract; no long term effects are known at this time

**Inhalation:** Corrosive and irritating to upper respiratory tract and mucous membrane.

**Ingestion:** Corrosive and irritating to upper digestive tract. May cause gastrointestinal distress or irritation.

**Skin:** Corrosive and irritating. Prolonged and repeated contact may cause irritation and result in sensitization and allergic reaction. Severe irritant

**Eyes:** Corrosive, will cause burning, irritation, redness and tearing. Liquid may cause severe irritation with possible irreversible injury.

### First Aid Procedures:

**Skin:** Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

**Eyes:** Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention.

**Ingestion:** If swallowed, dilute with water or Milk, DO NOT induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

**Inhalation:** Move to fresh air. Aid in breathing, if necessary and get immediate medical attention.

## Section 6 - Reactivity Data

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**Stability Data:** Stable under normal conditions

**Incompatibility:** Strong oxidizers, strong acids

**Hazardous Polymerization:** Does not occur.

**Corrosive Properties:** Not corrosive

**Conditions or Materials to avoid:** None

## Section 7 - Personal Protection

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**Clothing:** Gloves, coveralls, apron and boots as necessary to prevent contact.

**Eyes:** Chemical goggles; also wear a face shield if splashing hazard exists.

**Respiration:** If vapors or mist are generated, wear a NIOSH/MSHA approved if allergies to said product exist.

**Ventilation:** Open all doors windows to allow for adequate air flow and circulation.

## **Section 8 - Spill and leak/ environmental**

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Spills should be contained and placed in suitable containers for disposal in a licensed facility. Prevent product from entering drinking water supplies or streams.

**Waste Disposal:** Dispose of in accordance with Local, State and Federal Regulations. Refer to RCRA regulations 40CFR 260-281 Part 260.2 for waste disposal instructions for corrosive materials. Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

**Container Disposal:** Recommend crushing or other means to prevent unauthorized reuse.

## **Section 9 - Regulatory Information**

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RCRA Hazardous Waste Number: N/A

CERCLA: No

**HAZARD RATING: Health- 2**

**Fire- 0**

**Reactivity- 0**

**Special: NA**

This product is not a physical hazard according to the OSHA Hazard Communication Standard;

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.

## **Section 10 – Shipping Information**

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UN/NA DISIGNATION, SECONDARY CONTAINER LABEL INFO NECESSARY OR SUGGESTED.

Cleaning Liquied, Conpounds  
Corrosive, N.O.S. (Sodium Hydroxide)  
8,NA-1760, PGII