01 Chemical Product and Company Identification

Product Name	Red
Product Use	Heavy Duty Cleaner /Degreaser
Product Code	3251
For Medical Emergency	Call 'Chemtrec' 1-800-424-9300
Supplier's Information	Santec Inc. 1420 East Linden Avenue, Linden NJ 07036

02 Hazards Identification

GHS Classification: 1. Skin - Category 2
2. Eyes - Category 2B

GHS Label Element:

Signal Word: Warning
Hazard Statement: May cause skin irritation.
Precautionary Statements: Wear protective gloves, splash goggles and Protective clothing. Do not breathe mist /vapors/ spray.
Wash thoroughly after handling.

Acute Effects
Eyes: Eye irritant. May cause redness or swelling.
Skin: Slight skin irritant.
Inhalation: No known acute effects resulting from inhalation.
Ingestion: May be irritating to the mouth, throat and gastrointestinal system. Symptoms may include nausea, vomiting, diarrhea and cramps.

Chronic Effects
Carcinogenicity: No known critical effects or critical hazards.
Product /Ingredient Name: Not available.

03 Composition/ Information on Ingredients

Name of Hazardous Ingredients	CAS No.	WT.%
Nonylphenol Ethoxylate	127087-87-0	8-12
Tetrasodium Ethylenediamine Tetraacetate	64-02-8	4-6
Dipropylene Glycol Methyl Ether	34590-94-8	2-6
Silicic Acid, Sodium Salt	1344-09-8	2-4
Sodium Xylene Sulfonate	1300-72-7	1-2
Sodium Dodecylbenzenesulfonate	25155-30-30	1-2
Sodium Hydroxide	1310-73-2	0-1

04 First Aid Measures

Eye Contact: Check for and remove any contact lenses. Flush with large quantities of water, holding eyelids open for 15 minutes. Seek medical attention if symptoms persist.
Skin Contact: Wash skin with copious amounts of water. If symptoms persist seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink copious amounts of water. Seek medical attention immediately.

05 Fire Fighting Measures

Suitable Fire Extinguishing Media: Use water spray, fog or foam
Specific Hazards Arising from the Chemical: In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous Thermal Decomposition Products: No Specific Data
Specific Fire-Fighting Methods: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Specific Protective Equipment for Fire-Fighters: Fire-Fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

06 Accidental Release Measures

Spill Clean Up: Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move Containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

07 Handling and Storage

Handling: Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Do not reuse container. Wash thoroughly after handling.

Storage: Store between the following temperatures: 4.44 to 48.9°C (40 to 120°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

08 Exposure Controls/ Personal Protection

Ingredient Name	Exposure Limits
Dipropylene Glycol Methyl Ether	OSHA PEL 100 ppm
Sodium Hydroxide	OSHA PEL 0.5 ppm

Personal Protective Equipment (PPE)

Eyes: Safety glasses.
Body: For prolonged or repeated handling, use gloves. Nitrile gloves. Rubber gloves. Neoprene gloves.
Respiratory: Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

09 Physical and Chemical Properties

Physical State	Clear liquid
Color	Red
Odor	Lavender Type
pH	11.9
Flash point	> 190°F
Explosion limits	Not available
Flammability (solid, gas)	Not available
Melting point	Not available
Boiling point	Not available
Evaporation rate (butyl acetate = 1)	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.06 (Water = 1)
Solubility	Easily soluble in the following materials: cold water and hot water
Partition coefficient n-octano/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Odor threshold	Not available
Viscosity	Kinematic (room temperature): ≤ 10 cSt (CPS)

10 Stability and Reactivity

Stability: The product is stable.
Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid: No specific data.
Materials to avoid: Strong oxidizers, strong acids.
Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition should not be produced.

11 Toxicological Information

Product /Ingredient Name	Result	Species	Dose
Dipropylene Glycol Methyl Ether	LD50 Oral	Rat	2000 mg/kg
Nonylphenol Ethoxylate	LD50 Oral	Rat	2500 mg/kg
Sodium Hydroxide	LD50 Oral	Rat	960 - 3980 mg/kg
Silicic Acid, Sodium Salt	LD50 Oral	Rat	1960 mg/kg
Sodium Xylene Sulfonate	LD50 Oral	Rat	2500 mg/kg
Tetrasodium Ethylenediamine Tetraacetate	LD50 Oral	Rat	3030 mg/kg
Sodium Dodecylbenzenesulfonate	LD50 Oral	Rat	438 mg/kg

12 Ecological Information

N/A

13 Disposal Considerations

Waste Information
Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

14 Transport Information

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	not regulated	-	-		

Note: DOT classification applies to most package sizes. For specific container size classifications or size exceptions, refer to the bill of lading with your shipment.
PG*: Packing Group

15 Regulatory Information

U.S. Federal Regulations
TSCA 8(b) inventory: All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No listed substance
SARA 302/304 emergency planning and notification: No listed substance

SARA 313	Product name	CAS number	Concentration
Form R-Reporting requirements	No listed substance		

16 Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy of completeness of the information contained herein.
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Date of Issue: 05/31/2018

*Hazard Determination System (HDS):

Health	2
Reactivity	0
Flammability	1

NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.