



Section 1: Chemical Product and Company Identification

Part Number(s): TNDS8115, TNDS8215, TNDS8315
Description: Titan All-purpose wash
Manufacturer/Supplier: Shrader Canada Limited
Address: 830 Progress Court, Oakville, Ontario L6L 6K1
Revision Date: 2014-08-25
Product Use: Cleaner
Chemical Family: Aqueous solution.

Section 2: Composition/Information on Ingredients

Component Name:	%	LD50 and LC50	ACGIH TWA	Ecotoxicity - Aquatic Toxicity
Polyoxyethylene Nonylphenyl Ether, Branched, Phosphate 68412-53-3	1-5	Not Available	Not available	Not Available
Sodium Tripolyphosphate 7758-29-4	1-5	Not Available	Not available	Not Available

Section 3: Hazards Identification

Ingestion: Ingestion of large amounts will probably cause stomach irritation. Symptoms include nausea, vomiting and diarrhoea.
Inhalation: No hazard under normal conditions of use. Inhalation of mist or vapours formed at high temperatures or on mixing may cause respiratory irritation.
Skin Contact: Non-irritating to a very mild skin irritant.
Eye Contact: May cause mild eye irritation.
Chronic Effects: None known.

Section 4: First Aid Measures

Ingestion: Do not induce vomiting. If large amounts are swallowed or irritation or discomfort occurs, seek medical attention immediately.
Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
Skin Contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. Seek medical attention if irritation persists.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting upper and lower lids. Remove contact lenses if any after the initial flushing and then continue flushing.

Section 5: Fire Fighting Measures

Flash Point (°C): Non-flammable.

Section 5: Fire Fighting Measures

Flame Projection: Not Applicable
NFPA Classification: Non-Flammable
Lower Explosive Limit: Not Available
Upper Explosive Limit: Not Available
Auto ignition Temp. (°C): Not Available

Sensitivity to Mechanical Impact:
Not Available

Conditions of Flammability:

Essentially non-flammable. None required; however, when fighting chemical fires, self-contained breathing apparatus and protective clothing is recommended. Use water spray to cool nearby containers and structures exposed to fire.

Sensitivity to Static Discharge:

Sensitivity to static discharge is not expected.

Hazardous Combustion:

Carbon dioxide, carbon monoxide and other unidentified organic compounds.

Extinguishing Media:

Alcohol foam or water fog for large fires. Carbon dioxide or dry chemical for small fires. Use water spray to cool fire exposed containers and prevent bursting. Do not use a direct stream of water.

Section 6: Accidental Release Measures

Leak or Spill Procedures:

Contain spilled material. Avoid contamination of natural waterways. Wear suitable protective clothing. Stop the spill at the source when safe to do so. For large spills, dike the area to prevent spreading. Pump excess to a salvage container. Absorb residues and small spills with absorbent material and collect adsorbate for disposal. For large quantities refer to the environmental ministry.

Section 7: Handling and Storage

Handling Procedures:

Use with adequate ventilation. Avoid breathing vapours or mist. Avoid skin and eye contact. Wear all appropriate personal protective equipment during use. Use good personal hygiene. Avoid smoking, eating and drinking during use. Wash with soap and water after handling. Containers of this material may contain hazardous residues when emptied.

Storage Requirements:

Store in a cool, dry, well-ventilated area. Storage temperatures should not exceed 35°C. Keep from freezing.

Section 8: Exposure Controls/Personal Protection

Respiratory: Not normally required. If the TLV is exceeded, a NIOSH-approved respirator is advised.

Gloves: Nitrile. Neoprene.

Eyewear: Not normally required. Safety glasses. Contact lenses should not be worn. They may contribute to the severity of the injury.

Clothing: Sufficient clothing to prevent skin contact.

Ventilation: Sufficient mechanical ventilation to maintain exposures below the TLV. Under normal conditions of use, general ventilation should be satisfactory. Local ventilation is recommended if the product is misted or used in a confined space or if the TLV is exceeded. Make up air should always be supplied to balance air exhausted.

Other protective equipment: Emergency showers and eyewash facilities should be nearby. The selection of personal protective equipment will vary depending on the conditions of use.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Colour:	Clear/Colourless
Odour:	Not Available
Vapour Density (Air=1):	Not Available
VOC %:	< 0.5 %
pH:	8.3
Solubility in Water:	Completely
Specific Gravity (H2O=1):	1.03
Viscosity:	< 14cSt @ 40°C

Section 10: Stability and Reactivity

Conditions of Instability:

Stable at ambient temperatures and pressures.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Hazardous Decomposition:

See hazardous combustion products.

Incompatible Materials:

Avoid strong oxidizers (e.g. HOOH, HNO3).

Conditions of Reactivity:

Avoid strong acid and bases.

Section 11: Toxicological Information

Irritancy of Product:

May cause eye and skin irritation.

Sensitization to product:

Contains no known skin or respiratory sensitizers.

Carcinogenicity:

No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Reproductive Effects:

Not Available

Teratogenicity:

Not Available

Mutagenicity:

Not Available

Synergistic Products:

Not Available

Section 12: Ecological Information

Environmental: May be harmful to aquatic life.

Biodegradability: No data available for this product.

Section 13: Disposal Considerations

Waste Disposal: Reuse or recycling should be given priority over disposal under any circumstances. Do not dump unused contents into sewers, on the ground or into any body of water. Dispose of in accordance with municipal, provincial and federal regulations.

Section 14: Transportation Information

Road shipment: Not regulated by TDGR.
Marine shipment: Not regulated by IMDG.
Air Shipment: Not regulated by IATA, ICAO
Exemption: None required.

Section 15: Regulatory Information

WHMIS: Not controlled.

CEPA: All components are listed on the Domestic Substances List (DSL).

CPR Compliance: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

Section 16: Other Information

HMIS Rating: 100B
Prepared By: Regulatory Compliance, Shrader Canada Limited
Information Tel #: 800.201.9486, 905.847.0222
Information Fax #: 905.847.5404

CANUTEC EMERGENCY: 613.996.6666