



MATERIAL SAFETY DATA SHEET

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 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): 800-535-5053

PRODUCT NAME
 UNITED 514 TITAN

USE/DESCRIPTION
 Liquid Laundry Detergent

REVISION DATE
 December 29, 2009

HMIS III HEALTH (0 = Maximum Safety) 2

Always follow Label Directions and Cautions.

* Chronic 2 Moderate
 4 Severe 1 Slight
 3 Serious 0 Minimal
 See Hazards Identification Section of this MSDS
 for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. 2 Violent chemical change possible-use hose stream from distance
 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. 1 Unstable if heated-use precaution.
 0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable. 1 Must be preheated to burn.
 3 Ignites at normal temperature. 0 Will not burn.
 2 Ignites when moderately heated.

PERSONAL PROTECTION: A



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TWA)	OSHA (PEL)	LD50 (Species/Route)	LC50 (Species)
Isopropyl alcohol	67-63-0	5-7	400 ppm	400 ppm	5840 mg/kg (rat/oral)	12000 ppm 8 hr rat

3. HAZARDS IDENTIFICATION

Eyes: May cause irritation.

Skin: Prolonged or repeated contact may cause irritation.

Inhalation: Inhaling large amounts may cause coughing and irritation to the respiratory system.

Ingestion: May cause nausea, vomiting and diarrhea.

4. FIRST AID MEASURES

Eyes: Flush with plenty of cool water for at least 15 minutes while holding eyelids open. Seek medical attention immediately.

Skin: Wash with soap and water. If symptoms develop, seek medical attention.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.

Ingestion: DO NOT induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): 175°F/80°C

Flame Projection (Aerosol): NA

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Hazardous Products of Combustion: When heated strongly, as in a fire, this product may produce carbon dioxide and miscellaneous organic compounds.

Fire and Explosion Hazards: None known

Extinguishing Media: Water spray; Dry chemical; Carbon dioxide

Fire Fighting Instructions: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus. Use water spray or mist to cool fire-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Flush away spills up to 1 gallon to the nearest sewer to drain. Wash area thoroughly.

Large Spills: Dike and collect with suitable absorbent. Place in corrosion resistant container for proper disposal.

7. HANDLING AND STORAGE

Keep out of reach of children. Keep in a properly labeled, tightly closed container and store in a cool, dry place away from incompatible materials. Keep drums from freezing as this could rupture drum.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses

Skin: Normally not required.

Respiratory: Normally not required.

Engineering Controls: Normally not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 1.03 (H₂O=1)

Vapor Density: ND

Evaporation Rate: ND

Appearance and Odor: Clear blue liquid with floral scent

Vapor Pressure: ND

Melting Point: ND

Solubility in Water: Complete **pH:** 9-10

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce carbon dioxide and miscellaneous organic compounds.

Chemical Stability: Stable

Incompatibility: Do not mix with other cleaners or chemicals.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? No

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT: Available upon request.

TDG: Available upon request.

UN: Available upon request.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 7%

TSCA (Toxic Substances Control Act): ND

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 514 TITAN

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