

# Material Safety Data Sheet

## Manufacturer:

Val-Chem Company, Inc.  
714 Desmond Street, PO Box 338  
Sayre, PA 18840  
Phone: (570) 888-2285  
Chemical Emergency: (800) 356-0163  
(800) 535-5053

## Distributed by:

ProClean Systems, Inc.  
102 Queens Drive  
King of Prussia, PA 19406  
Phone: (610) 337-4300  
Toll Free: (800) 338-8652

Product Name: **TKO**

ID Code: **LLNEXTKO**

Prepared By: Robert J. Capece

Date: December 13, 2006

CHEMICAL FAMILY: Neutral Nonionic Detergent

FORMULA: Proprietary

## HAZARDOUS INGREDIENTS (CAS #):

% Exposure Limits, ppm  
ACGIH TLV OSHA-PEL

None

SARA TITLE III, SECTION 313 REPORTABLE INGREDIENTS: None.

Carcinogenic Ingredients: Contains no known or suspected carcinogens.

## SIGNIFICANT NON-HAZARDOUS INGREDIENTS (CAS #):

Water	07732-18-5
Sodium Dodecylbenzene Sulfonic Acid	27076-87-0
Nonylphenol Polyethoxylate	09016-45-9

## PHYSICAL PROPERTIES:

Boiling Point: 482-525o F.	% Volatile: 85.8
Solubility in Water: Complete.	Vapor Pressure: Same as water.
Specific Gravity: Liquid (H <sub>2</sub> O = 1): 1.013	Vapor Density (Air = 1): Heavier than air
Appearance and Odor: Clear blue, slightly viscous liquid with fresh scent.	

## FIRE AND EXPLOSION DATA:

Flash Point: Not Flammable.  
Flammability Limits: N/A.  
Extinguishing Media: CO<sub>2</sub>, foam, dry chemical. BC/ABC extinguisher may be used  
Special Fire Fighting Procedures: Cool drums with water mist.  
Unusual Hazards: None known.

## HEALTH EFFECTS:

**Threshold Limit Value: Not established.**

**Primary routes of entry:** Eye and skin contact.

**Effects of overexposure:**

May cause eye irritation. May cause allergic respiratory reaction. May cause lung irritation and allergic respiratory reaction may cause skin irritation.

**Chronic effects of overexposure:**

None known or expected.

**Medical conditions that may be aggravated by exposure:**

None known or expected.

## EMERGENCY AND FIRST AID PROCEDURES:

**In Case of Eye Contact :** Flush immediately with plenty of water for at least 20 minutes, holding eye lids apart to insure flushing of the entire eye surface

**In Case of Skin Contact:** Flush with plenty of water.

**If Inhaled:** Remove to fresh air. If irritation persists, get medical attention.

**If Ingested:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat. NEVER give anything to an unconscious person. Get medical attention.

## REACTIVITY DATA:

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatibility: Avoid contact with strong acids.

Hazardous Decomposition Products: Toxic Oxides of Carbon.

Conditions to Avoid: None known.

## SPILL OR LEAKAGE PROCEDURES:

Steps to be taken if material is released or spilled: Stop spill at source. Floors may become slippery, avoid falls. For large spills, pump liquid into salvage tank. For smaller spills, flood entire spill area with water. Disposal must be in accordance with local, state and federal regulations. Discarded product is not a hazardous waste under RCRA, 40CFR;261.

## SPECIAL PROTECTION INFORMATION:

Ventilation: Not necessary.

Respiration Protection: Not necessary.

Eye Protection: Not necessary.

Protective Gloves: Not necessary.

Other Protective Equipment: Not necessary.

## SPECIAL PRECAUTIONS:

Precautions to be taken in handling and storage: Do not get in the eyes. Avoid prolonged or repeated contact with the skin. Store in a cool, dry area. Keep from freezing  
Other precautions: None.

## HAZARD RATING:

Health:	1	0 = Minimal	3 = Serious
Fire:	0	1 = Slight	4 = Severe
Reactivity:	0	2 = Moderate	
Personal Protection:B			

## SHIPPING INFORMATION

Hazard Class: Not D.O.T. Regulated

DOT Shipping Name: Consumer Goods, O.R.M.-D

UN Number: N/A

Packaging Size: 55 gal drum; 15 gal drum; 5 gal pail; 4/1 gal case; 2 ½ gal case

Foot Notes: For help in a Chemical Transportation Emergency call Infotrac 1-800-535-5053

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