

**SAFETY DATA SHEET**

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

\*\*\*\*\*

---

---

**Section I - Product & Company Identification**

---

---

**Product identifier**

Product name : 18 WHEELER  
Product form: Liquid  
Other means of identification: 0706

Relevant identified uses of the substance or mixture: Liquid detergent

**Details of the supplier of the safety data sheet**

Manufacturer:  
Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150  
Phone: 816-472-5515

**Emergency telephone number**

Emergency number : CHEMTREC: 1-800-424-9300

---

---

**Section II – Hazards Identification**

---

---

**Classification**

Serious eye damage/irritation – Category 1  
Skin corrosion/irritation – Category 2  
Acute Toxicity, Oral – Category 4

Pictogram



**Signal Word**

**DANGER**

**Hazard Statements**

Causes serious eye damage.  
Causes skin irritation.  
Harmful if swallowed.

**Precautionary Statements – Prevention** .

Wear protective gloves/protective clothing/eye protection/face protection.  
Wash exposed skin thoroughly after handling.  
Do not eat, drink, or smoke when using this product.

**Precautionary Statements – Response**

IF SWALLOWED: Call a Poison Center or a doctor/physician if you feel unwell. Rinse mouth.

IF ON SKIN: Take off all contaminated clothing, wash skin with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or a doctor/physician if you feel unwell.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a Poison Center or doctor/physician.

**Precautionary Statements – Storage**

Store in a well ventilated place, Keep container tightly closed.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

---

---

**Section III –Composition/Information on ingredients**

---

---

**Mixture**

<b>Name</b>	<b>CAS#</b>	<b>%</b>
Tetrapotassium pyrophosphate	7320-34-5	5-10
Trisodium phosphate	7601-54-9	1-5
Nonylphenol, ethoxylated	127087-87-0	1-5
sodium xylene sulfonate	1300-72-7	1-5
butyl cellosolve	111-76-2	5-10

Any concentration shown as a range is to protect confidentiality or is due to process variation.

---

---

**Section IV – First Aid Measures**

---

---

**Description of first aid measures**

**Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.

**Skin Contact:** Remove contaminated clothing. Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. If irritation persists get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a Poison Center or doctor/physician.

**Ingestion:** Call a Poison Center or a doctor/physician if you feel unwell. Rinse mouth.

#### Potential Effects of Exposure

Eyes: Causes serious eye damage.

Skin: Causes skin irritation..

Inhalation: Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Ingestion: Harmful if swallowed. Irritating to mouth, throat and stomach.

#### Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Specific Treatments: No specific treatment

---

---

### **Section V – Fire Fighting Measures**

---

---

#### **Suitable Extinguishing Media**

Use an extinguishing agent suitable for the surrounding fire. Carbon dioxide, dry chemical, foam, water spray.

**Unsuitable Extinguishing Media:** No data available.

#### **Specific Hazards Arising from the Chemical**

No data available

#### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH approved and full protective gear. Keep upwind of the fire.

---

---

### **Section VI –Accidental Release Measures**

---

---

#### **STEPS TO BE TAKEN IN THE EVENT OF SPILLS, LEAKS, OR RELEASES**

#### **Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

#### **Methods and Material for Containment and Cleaning Up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment. Pick up and arrange for disposal without creating dust.

**Methods for Cleaning Up:** Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Do not absorb in saw-dust or other combustible absorbents.

---

---

### **Section VII – Handling & Storage**

---

---

#### **Precautions for Safe Handling**

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

---

---

**Section VIII – Exposure Controls/ Personal Protection**

---

---

**Exposure Guidelines:**

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH</b>
Tetrapotassium pyrophosphate	7320-34-5	No exposure limits	No exposure limits	No exposure limits
Trisodium phosphate	7601-54-9	No exposure limits	No exposure limits	No exposure limits
Nonylphenol, ethoxylated	127087-87-0	No exposure limits	No exposure limits	No exposure limits
sodium xylene sulfonate	1300-72-7	No exposure limits	No exposure limits	No exposure limits
butyl cellosolve	111-76-2	20 ppm	50 ppm 240 mg/m <sup>3</sup>	5 ppm 24 mg/m <sup>3</sup>

**Engineering Controls:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Respiratory Protection:** Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Eye Protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

**Hand Protection:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Skin Protection:** Prevent contact with shoes and clothing; use rubber apron and overshoes.

**Other Protective Equipment:** Eye wash stations and emergency showers should be available. The type and degree of personal protective equipment appropriate will depend on the specific work operation. Inspect and replace personal protective equipment at regular intervals; use professional care in their selection, use and care.

---

---

## Section IX – Physical & Chemical Properties

---

---

### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Lime green

<b><u>Property</u></b>	<b><u>Values</u></b>
pH	11.75-12.75
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	100-171 ° C (212- 339.8 ° F)
Flash Point	None
Evaporation Rate	No data available
Flammability (Solid, Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.08
Water Solubility	Soluble in Water
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Glycol ether
Odor Threshold	No data available

---

---

## Section X – Stability & Reactivity

---

---

Stability: STABLE

Conditions to Avoid: Extreme heat or freezing temperatures.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides

Hazardous Polymerization: Will not occur.

---

---

## Section XI - Toxicological information

---

---

### Information on Likely Routes of Exposure

#### **Product Information**

Inhalation: Avoid breathing vapors or mists.

Eye Contact: Causes eye damage.

Skin Contact: Avoid contact with skin. Causes burns.

Ingestion: Harmful if swallowed.

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
---------------	-------	-----------	-------------	-----------------

Tetrapotassium pyrophosphate	7320-34-5	No data available	>4640 mg/kg (Rabbit)	No data available
Trisodium phosphate	7601-54-9	No data available	No data available	No data available
Nonylphenol, ethoxylated	127087-87-0	>3310 ml/kg (Rat)	>2000 ml/kg (Rabbit)	No data available
sodium xylene sulfonate	1300-72-7	>7200 mg/kg (Rat)	>2000 ml/kg (Rabbit)	>6.41 mg/l (Rat)
butyl cellosolve	111-76-2	470 mg/kg (Rat)	220 mg/kg (Rabbit)	450 ppm 4 h (Rat)

Chemical Name	Tetrapotassium pyrophosphate	Trisodium phosphate	Nonylphenol, ethoxylated
Skin corrosion/irritation	Moderate irritation	Irritating	skin irritation
Serious eye damage/irritation	Moderate irritation	Moderate irritation	Serious eye irritation
Respiratory or skin sensitization	No data available	No data available	Not a sensitizer.
Mutagenicity	No data available	No data available	No data available
Carcinogenicity	Not classified as a carcinogen	Not classified as a carcinogen	Not considered a carcinogen
Reproductive toxicity	No data available	No data available	Not expected to cause.
Specific target organ toxicity-Single exposure	May cause respiratory irritation	May cause respiratory irritation	Not classified.
Specific target organ toxicity-repeated exposure	No data available	No data available	Not classified.
Aspiration hazard	Not an aspiration hazard.	Not an aspiration hazard.	Not an aspiration hazard.

Chemical Name	sodium xylene sulfonate	butyl cellosolve
Skin corrosion/irritation	Mild irritant	Open irritation test
Serious eye damage/irritation	moderate irritant	Moderate irritant
Respiratory or skin sensitization	Not a sensitizer	No data available
Mutagenicity	negative	No data available
Carcinogenicity	Not considered a carcinogen	Group 3 not classifiable to its carcinogenicity to humans.
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	No data available
Specific target organ toxicity-repeated exposure	No data available	No data available
Aspiration hazard	No data available	No data available

---

---

**Section XII - Ecological information**

---

---

Product/ingredient name	Algae/aquatic plants	Fish	Aquatic invertebrates
Tetrapotassium pyrophosphate	No data available	No data available	No data available
Trisodium phosphate	No data available	No data available	No data available
Nonylphenol, ethoxylated	No data available	No data available	No data available
sodium xylene sulfonate	EC50 Algae, >230 mg/l 96 h	LC50 Fish, >1000 mg/l 96 h	EC50 Daphnia, >1000mg/l 48 h
butyl cellosolve	No data available	LC50 other Fish, 220 mg/l 96 h	EC50 Daphnia magna (Water flea) 1815 mg/l 24 h

**Persistence and Degradability**

No data available

**Bioaccumulation**

No data available

**Mobility**

No data available

---

---

**Section XIII - Disposal considerations**

---

---

**WASTE DISPOSAL METHOD**

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

---

---

**Section XIV - Transport information**

---

---

**DOT Proper Shipping Description:**

Cleaning Liquid, Not regulated as dangerous goods.

---

---

**Section XV - Regulatory information**

---

---

**SARA Title III Section 311/312 (40CFR370):** Acute and chronic health hazard

**SARA Title III Section 313 (40CFR372):** 2-butoxyethanol

**CERCLA Status (40CFR302):** Not listed

**RCRA Status(40CFR261.33):** Not listed

**TSCA Inventory Status:** Included

**OSHA/NTP/IARC Carcinogen Status:** Not listed

**Canadian DSL Status:** Included

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:** This material is known to contain trace amounts of chemicals currently listed as carcinogens or reproductive toxins. ethylene oxide.

**U.S. State Right-to-Know Regulations**

<b>Chemical Name</b>	<b>New Jersey</b>	<b>Massachusetts</b>	<b>Pennsylvania</b>
Tetrapotassium pyrophosphate	X	Not regulated	X
Trisodium phosphate	X	X	X
Nonylphenol, ethoxylated	Not regulated	Not regulated	Not regulated
sodium xylene sulfonate	Not regulated	Not regulated	Not regulated
butyl cellosolve	X	X	X

---



---

**Section XVI - Other information**

---



---

**HMIS ratings:** Health: 2  
 Flammability: 0  
 Reactivity: 0

Indication of changes: Revision – 1  
 Date Sheet Prepared: 09/17/2015  
 Other information: Author – EHS Administrator

\*\*\*\*\*  
 The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

**END OF SDS**