

## 1. IDENTIFICATION

**Product Identifier**

**Product Name** RINSE DRI

**Recommended use of the chemical and restrictions on use**

**Recommended use** Rinse aid – automatic dishwasher  
**Restrictions on use** For industrial use only

**Supplier details**

West Penetone Inc.  
 11411-160 Street  
 Edmonton, AB,  
 T5M3T7  
 Tel: 780-454-3919

**Emergency Telephone Number**

Canutec (613)-996-6666

## 2. HAZARDS IDENTIFICATION

**Classification**

Serious eye damage/eye irritation	Category 1
Hazardous to the aquatic environment, acute hazard	Category 3

**Label Elements**

**DANGER**

**Hazard Statements**

Causes serious eye damage  
 Harmful to aquatic life



**Precautionary Statements - Prevention**

Wear eye protection/face protection.  
 Avoid release to the environment.

**Precautionary Statements - Response**

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 - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
ethoxylated propoxylated C8-10 alcohols	68603-25-8	10-30
propan-2-ol	67-63-0	1-5
sodium xylene sulfonate	1300-72-7	1-5
ethylene glycol	107-21-1	1-5

**4. FIRST AID MEASURES**

<b>Eye contact</b>	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.
<b>Skin contact</b>	If skin irritation or rash occurs, get medical advice/attention.
<b>Inhalation</b>	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

**Most important symptoms and effects, both acute and delayed**

Contact with eyes may cause corneal injury, irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva. Contact with skin may cause irritation with local redness.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media**

High-volume water jet.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. High risk of slipping due to product leakage/spillage. Use appropriate containment to avoid environmental contamination.

**Environmental Precautions**

Avoid discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal. Following product recovery, flush area with water. For large spills, stop flow of material, prevent product from entering drains, and pump off product where this is without risk and possible. Proceed as above.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Handling** Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep from freezing.

**Incompatible Materials** Strong oxidizing agents, acids, bases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
propan-2-ol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm/980 mg/m <sup>3</sup> STEL: 500 ppm/1225 mg/m <sup>3</sup>	Not listed
ethylene glycol 107-21-1	100 mg/m <sup>3</sup> Ceiling	50 ppm/125 mg/m <sup>3</sup> Ceiling	Not listed

### Appropriate engineering controls

Under the intended modes of use and application, exposure control measures are not required.

### Individual protection measures, such as personal protective equipment

**Eye/face Protection** Safety glasses with side shields or goggles.

**Skin and body protection** For prolonged or repeated skin contact, use suitable protective gloves.

**Respiratory Protection** No personal respiratory equipment normally required.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **APPEARANCE :**

Pink liquid

### **ODOR**

Detergent/alcohol

### **ODOR THRESHOLD :**

Not applicable

### **pH :**

6.5-7.5

### **MELTING POINT / FREEZING POINT :**

Approx. 0°C

### **BOILING POINT/BOILING RANGE :**

Approx. 100°C

### **FLASH POINT :**

None

### **EVAPORATION RATE, water = 1 :**

<1

### **FLAMMABILITY (SOLID, GAS):**

Not applicable

### **VAPOR PRESSURE, mm Hg AT 20°C :**

Not available

### **VAPOR DENSITY (Air = 1) :**

Not available

### **RELATIVE DENSITY AT 20°C:**

1.015-1.025

### **SOLUBILITY IN WATER :**

Complete

### **PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

### **AUTO-IGNITION TEMPERATURE :**

Not available

### **DECOMPOSITION TEMPERATURE:**

Not available

### **VISCOSITY:**

Not available

### **FLAMMABLE LIMITS :**

UPPER: Not available LOWER : Not available

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to Avoid**

Keep from freezing.

**Incompatible Materials**

Strong oxidizing agents, acids, bases.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition can lead to release of irritating gases and vapors such as oxides of carbon as well as other low molecular weight hydrocarbons.

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ethoxylated propoxylated C8-10 alcohols 68603-25-8	3800 mg/kg (rat)	Not listed	Not listed
propan-2-ol 67-63-0	5000 mg/kg (rat)	12800 mg/kg (rabbit)	45248 ppm (rat) – 1 h
sodium xylene sulfonate 1300-72-7	7200 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
ethylene glycol 107-21-1	4000 mg/L (rat)	9530 uL/kg (rabbit)	Not listed

**Information on likely sources of exposure**

<b>Serious eye damage/irritation</b>	Causes serious eye damage.
<b>Skin corrosion/irritation</b>	May cause mild skin irritation.
<b>Ingestion</b>	Expected to be a low ingestion hazard.
<b>Inhalation</b>	Expected to be a low inhalation hazard

**Delayed and immediate effects and also chronic effects from short and long-term exposure**

<b>Respiratory or skin sensitization</b>	Not a sensitizer	
<b>Germ cell mutagenicity</b>	No information available.	
<b>Carcinogenicity</b>	No listed carcinogens.	
<b>Reproductive toxicity</b>	No information available.	
<b>STOT - single exposure</b>	propan-2-ol (CAS 67-63-0)	3 May cause drowsiness and dizziness
<b>STOT - repeated exposure</b>	No information available.	
<b>Aspiration Hazard</b>	None.	

**Symptoms related to the physical, chemical and toxicological characteristics**

See Section 2 &amp; 4.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical Name	Fish	Waterflea	Algae
ethoxylated propoxylated C8-10 alcohols 68603-25-8	8.7 mg/L: 96 h rainbow trout LC50	12.61 mg/L: 48 h EC50	Not available
propan-2-ol 67-63-0	4200 mg/L: 96 h Rasbora heteromorpha LC50	1400-1950 mg/L: 48 h Crangon crangon EC50	Not available
sodium xylene sulfonate 1300-72-7	> 1000 mg/L: 96 h LC50	> 1000 mg/L: 48 h EC50	> 230 mg/kg, 72 h EC50
ethylene glycol 107-21-1	≤41000 mg/L: rainbow trout LC50	Not available	1300-6500 mg/L: selenastrum capricornutum EC50

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

No information available

**Other adverse effects**

Do not release untreated into natural waters. No other adverse environmental effects are expected.

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

Not regulated

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

28 June, 2016

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

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**End of SDS**