



**SECTION 1: Identification**

**Product identifier:** SK Rinse Aid

**Other means of identification:** Rinse aid

**SDS number:** 1351

**Recommended use:** Rinse aid

**Recommended restrictions:** Not for personal care

**Manufacturer/Importer/Supplier/Distributor information**

**Company name:** U.N.X. Incorporated

**Address:** 707 Arlington Blvd  
Greenville, NC 27858

**Telephone:** Office hour (Mon-Fri)  
8:00a.m. – 4:00p.m. (Eastern Time)  
OFFICE NUMBER: 252-756-8616

**Contact Person** Jamie Singleton

**E-mail:** unx@unxinc.com

**Emergency phone number:** CHEMTEL (800) 255-3924 (24 HOURS)

**SECTION 2: Hazard(s) identification**

**Classification of the substance or mixture:**

**Physical hazards**

No Physical Hazards

**Health hazards**

Skin corrosion/irritation: Category 3

Serious eye damage/eye irritation: Category 2B

**Label elements:**

**Signal word:** Warning

**Hazard statements**

H316 Causes mild skin irritation.

H320 Causes eye irritation.

**Precautionary statements**

**Prevention**

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P264: Wash hands, arms, face and exposed skin thoroughly after handling.

P273: Avoid release to the environment.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

**Storage:**

No other specific measures identified.

**Disposal:**

P501: Dispose of contents/container in accordance with local/ regional/ national/ international Regulations.

**Hazard(s) not otherwise Classified (HNOC):**

Not classified

### SECTION 3: Composition/information on ingredients

#### Substance/Mixture

Chemical name	CAS Number	Concentration (%)
Water	7732-18-5	85-100
Methyl-oxirane polymer with oxirane	9003-11-6	0-5
Propane-1,2-diol	67-63-0	0-5

### SECTION 4: First-aid measures

#### Description of first aid measures

**General advice:** Remove victims from the danger zone without endangering your own safety.

**Inhalation:** No extra measures required. Seek medical attention if issues arise.

**Skin contact:** No extra measures required. Rinse contact areas after use. Seek medical attention if issues arise.

**Eye contact:** Immediately flush eyes with gentle but large stream of water or eye wash solution for at least 15 minutes, lifting lower and upper eyelids occasionally. If possible remove any contact lenses and continue to wash. Call a physician, if problems persist.

**Ingestion:** If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. DO NOT induce vomiting, medical advice is required. Seek medical attention if issues arise.

#### Most important symptoms/effects, acute and delayed:

**Notes to physician:** The severity of the symptoms described will vary dependant on the concentration and the length of exposure.

**Inhalation:** No known effect after inhalation.

**Ingestion:** No known effect after ingestion.

**Skin contact/Skin irritation:** Redness or rash may occur.

**Eye contact:** May cause irritation to the eyes.

**Indication of immediate medical attention and special treatment needed, if necessary:** Cases of eye contact should be treated immediately. Have facilities in place to wash skin and eyes in case of exposure.

### SECTION 5: Fire-fighting measures

**Suitable extinguishing media:** This product is not flammable under normal conditions. In case of fire use carbon dioxide (CO<sub>2</sub>), foam, extinguishing powder. In cases of larger fires, water spray should be used. Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire-exposed containers cool. If water is used, use in abundance to control heat.

**Unsuitable extinguishing media:** Do not use water jet as this can spread the fire. Do not use carbon dioxide in enclosed spaces with insufficient ventilation.

**Specific hazards arising from the chemical:** No unusual fire or explosion hazards noted. Product containers can melt in the heat of a fire. Packaging materials will be combustible and provide fuel for the fire. In the event of fire and/or explosion do not breathe fumes.

## SECTION 5: Fire-fighting measures

**Special protective equipment and precautions for fire-fighters:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. During fire-fighting respirator with independent air-supply and airtight garment is required. Fight fire in early stages if safe to do so. Containers at risk of fire should be cooled with water and, if possible removed from the danger area. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

## SECTION 6: Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Put on protective equipment (see Section 8). Have emergency procedures in place for treating spillages, evacuating the area and informing the emergency services if necessary. Restrict access to the area until the spillage is treated. When any other effects of spillages will affect the safety of others the area should be contained.

**Environment precautions:** Do not flush into surface water or sanitary sewers system. Avoid unauthorized discharge to the environment. Clean up any spillages immediately; prevent material from spreading and entering drains or sewage systems. Large spillages or uncontrolled discharge to water systems must be alerted to the Environmental Agency or other regulatory body. If spillages to land cannot be treated safely or if contamination will occur the Environment Agency must be alerted. If the product has entered a foul drain or sewage system in significant amounts to cause a hazard then the local water treatment company must be informed.

**Methods and materials for containment and cleaning up:** Contain and recover liquid when possible. Small spillages should be absorbed with an inert, non-combustible absorbent. Large Spillages: Dam and absorb spillages with sand, earth or other inert material. Fit drain covers where they are available if the spillage is likely to enter the drainage system. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery. Ventilate area and allow drying before allowing access. Wash thoroughly after dealing with a spillage.

**Reference to other sections:** Refer to sections 8 and 13 for additional information.

## SECTION 7: Handling and Storage

**Precautions for safe handling:** Keep in a tightly closed container and protect from physical damage. Store in a cool, dry and area. Keep away from sources of heat, moisture, incompatibilities, and direct sunlight. Avoid spilling the product. Do not wash out container and use it for other purposes. Avoid ingestion of the product. Do not eat, drink or smoke when handling. Wash at the end of each work shift, before eating, drinking, smoking and using the toilet. Do not mix with incompatible substances or mixtures. Remove contaminated clothing/footwear/equipment before entering eating areas or places that would expose others to the product. Do not use in areas close to drainage systems unless measures are in place to prevent access of the product. Provide eye washing and skin washing facilities. Observe all warnings and precautions listed for the product.

## SECTION 7: Handling and Storage

**Conditions for safe storage, including any incompatibilities:** Store in closed original container at temperatures between 40°F and 80°F. If the product is transferred to another container, this should be made of a compatible material to the original container. Store away from heat, direct sunlight and moisture. Store in a stable situation to avoid spillages. It is advisable to store in a bunded area or use other protective measures such as a sump pallet or storage tray.

## SECTION 8: Exposure control/personal protection

**Control Parameters / Occupational exposure limits:**

**No exposure limits or control parameters for compounds in this product.**

**Appropriate engineering controls:**

**Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures below the defined exposure limit requirements or guidelines. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition for details.

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye Protection:** No protective equipment is needed under normal use conditions.

**Skin Protection:** No protective equipment is needed under normal use conditions.

**Hand protection:** No protective equipment is needed under normal use conditions.

**Personal Respirators (NIOSH Approved):** No protective equipment is needed under normal use conditions.

**Thermal Hazards:** No protective equipment is needed under normal use conditions.

**General hygiene considerations:** Wash hands, change out of clothes as soon as possible. Wash clothes. Shower or bathe as soon as possible.

**Other protective measures:** Have an eye bath and safety shower close by.

## SECTION 9: Physical and chemical properties

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Blue liquid
<b>Odour:</b>	Solvent odour
<b>Odour Threshold:</b>	No data available
<b>pH:</b>	6 - 7
<b>Melting point/range:</b>	No data available
<b>Boiling point/range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability of explosive limits:</b>	No data available
<b>Vapour pressure (mm Hg):</b>	No data available
<b>Vapour density (Air=1):</b>	No data available
<b>Relative density:</b>	No data available

## SECTION 9: Physical and chemical properties

**Solubility(ies):** Excellent in warm water  
**Partition coefficient (n-octanol/water):** No data available  
**Auto-ignition temperature:** No data available  
**Decomposition temperature:** No data available  
**Viscosity, dynamic:** 25

**Other Information:** This product contains no phosphates.

## SECTION 10: Stability and reactivity

**Reactivity and/or chemical stability:** No specific reactivity hazards associated with this product. Product is very stable under normal conditions.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** No data for the product mixture.

**Incompatible materials:** No data for the product mixture.

**Hazardous decomposition products:** Mild decomposition can result in evolution of hydrogen.

## SECTION 11: Toxicological information

**Acute toxicity:** Toxicological testing has not been conducted with this material. The toxicology information listed below us based on the components of this material.

<b>Methyl-oxirane polymer with oxirane - Acute Toxicity Estimate (ATE)</b>		
This product has not been tested. The statement has been derived from products of similar structure and composition.		
Oral LD <sub>50</sub> > 5,000 mg/kg (Rat) (BASF Test)	Dermal LD <sub>50</sub> > 2,000 mg/kg (Rabbit)	Skin irritation: Rabbit: non-irritant (OECD Guideline 404) Eye Irritant: Rabbit: non-irritant (OECD Guideline 404)

<b>Propane-1,2-diol – Acute Toxicity Estimate (ATE)</b>	
Oral LD <sub>50</sub> 20,000 – 34,000 mg/kg (Rat)	Dermal LD <sub>50</sub> > 10,000 mg/kg (Rabbit)

**Skin Corrosion/ irritation:** Causes mild skin irritation. Category 3.

**Serious eye damage/irritation:** May cause irritation and serious eye damage. Category 2B.

**Respiratory sensitization:** Classification not possible.

**Skin sensitization:** Classification not possible.

**Germ cell mutagenicity:** Classification not possible.

## SECTION 11: Toxicological information (continued)

**Carcinogenicity:** Classification not possible      **Reproductive toxicity:** Classification not possible.

**Specific Target Organ Toxicity - Single Exposure:** Classification not possible.

**Specific Target Organ Toxicity - Repeated Exposure:** Classification not possible.

**Aspiration hazard:** Classification not possible.

## SECTION 12: Ecological information

**Toxicity:** Do not allow to escape into waterways, wastewater or soil. Ecotoxicological studies of the product are not available. Please find below the data available to us from raw materials:

**Aquatic ecotoxicity:**

Methyl-oxirane polymer with oxirane		
Fish: (golden orfe) LC <sub>50</sub> (96 h): > 100 mg/L	Aquatic invertebrates: EC <sub>50</sub> (48 h): > 100mg/L	Aquatic plants: EC <sub>50</sub> (72 h): > 100mg/L

Propane-1,2-diol		
Acute LC <sub>50</sub> (Water Flea) (Daphnia Magna) 4,850 – 34,400 mg/L	Acute LC <sub>50</sub> (Rainbow trout) (Oncorhynchus mykiss) ~ 44,000 mg/L	Acute LC <sub>50</sub> Fathead minnow (Pimephales Promelas) 46,500 – 54,900 mg/L

**Persistence and Degradability:** No data is available on the degradability of this product.

**Bioaccumulative Potential:** No data available for this product.

**Mobility in Soil:** Not available.

**Other adverse effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations

### General information

Do not allow unauthorized disposal to the environment. If operators are exposed to vapors during the disposal process then suitable respiratory protection should be worn. All other personal protective equipment as described in section 8 should be worn.

### Disposal methods:

Avoid unauthorized disposal. Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with federal, state/provincial and local laws and regulations. For a small spill, immediately hose down with cool water and dispose to drain. For a large spill, dike, collect and contact local authorities about disposal.

**SECTION 14: Transport information**

UN Number: Not Available  
UN Proper Shipping Name: Not Applicable  
Transport hazard class(es):  
DOT Hazard Class: Not Available  
DOT Subsidiary Hazard Class: Not Available  
Packing group, if available: Not Available  
Environmental Hazards: No  
Special precautions for user: Not DOT regulated.

Transport in bulk according to Annex II of MARPOL 73/78<sup>3</sup> and the IBC Code <sup>3</sup>: Not applicable

**SECTION 15: Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Unless otherwise noted, no components are SARA TITLE 3 SECTION 313 40 CFR listed materials. The ingredients of this product are listed on the TSCA inventory. This product is not made with VOC'S that could cause damage to the ozone layer.

**SARA 311/312 Tier II Hazard Ratings:**

This mixture does not contain substances listed under the 311/312 hazard category.

The following components appear on one or more of the following state hazardous substance lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Propane-1,2-diol	34590-94-8	No	No	Yes	No	Yes	Yes

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**SECTION 16: Other information including date of preparation or last revision**

Chemical State: Liquid Issue Date: 03-03-2016  
Chemical Type: Mixture Revision Date: -  
Version #: 01

1	Health
0	Flammability
0	Physical Hazard
N/A	Personal Protection

To the best of our knowledge, the information contained herein is accurate. **However, neither U.N.X. Incorporated nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.** Final determination of suitability of any material is the sole responsibility of the user. All materials may represent unknown hazards and should be used within caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.