



# Nova Rinse LT

## Safety Data Sheet

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

**Product Form:** Liquid  
**Product Name:** Nova Rinse LT  
**Product Code:** STC0226

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use of the mixture:** Low temperature rinse aid

#### 1.3 Details of the supplier of the safety data sheet

Sci-Tech Engineered Chemicals Inc.  
9902 90th Avenue  
Morinville AB, T8R 1K7  
Ph: 780-960-1200 Fx: 780-960-1201  
www.scitechinc.ca

#### 1.4 Emergency telephone number

CANUTEC (613) 996-6666

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance of mixture

##### WHMIS 2015 - GHS Classification

Flammability	3
Skin irritation/corrosion	2
Eye irritation/corrosion	2A
Aspiration hazard	2

#### 2.2 Label elements



#### DANGER

**Hazards:** H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.

H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

**Precautions:** P103 Read label before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
P280 Use personal protective equipment as required.  
P262 Do not get in eyes, on skin, or on clothing.  
P273 Avoid release to the environment.

## 2.3 Other Hazards

### SECTION 3: Composition/Information on ingredients

Component	CAS#	Concentration	LD <sub>50</sub> (rat, oral)
Isopropanol	67-63-0	5 - 10 %	5045 mg/kg
Polyalkylene glycol	9003-11-6	5 - 10 %	>4000 mg/kg
Citric acid	77-92-9	1 - 5%	3000 mg/kg

### SECTION 4: First-aid measures

**Eye Contact:** In case of EYE CONTACT, rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Seek immediate medical attention/advice.

**Skin Contact:** In case of SKIN CONTACT, Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. If irritation persists, seek medical attention.

**Inhalation:** In case if INHALATION, move to fresh air. If person is not breathing, contact emergency medical services, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Ingestion:** In case of INGESTION, rinse mouth. Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention.

### SECTION 5: Fire fighting measures

**Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Chemical hazards:** In closed unventilated containers, risk of rupture due to the increased pressure from decomposition. Use water spray to cool unopened containers.

**Protective equipment for fire fighters:** Positive pressure SCBA and standard firefighter bunker gear.

### SECTION 6: Accidental release measures

In case of release avoid contact with skin, eyes and clothing. Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations .

### SECTION 7: Handling and storage

**Precautions for handling:** Wear proper protective equipment when handling product. Avoid generating mists and vapours. Keep away from heat, open flames, and sparks.

**Condition for safe storage:** Store in a cool, dry area away from incompatibles. Keep container closed and out of reach of children when not in use. Store away from sources of ignition.

## SECTION 8: Exposure controls/personal protection

**Control parameters:** Use in an area with good general ventilation. Avoid sources of ignition.

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Meter directly into dish machine to avoid contact with the concentrate.

**Personal protective equipment:** If directly handling concentrate, wear chemical resistant gloves. Wear safety glasses with side shields. If handling large volumes of concentrate, wear fire resistant coveralls. Ensure access to eye wash station and emergency shower.

## SECTION 9: Physical and chemical properties

**Appearance:** Clear blue liquid

**Odour:** Alcohol

**Odour threshold:** n.av.

**pH:** 2

**Melting point:** n.av.

**Initial boiling point and boiling range:** n.av.

**Flash point** 40 °C

**Evaporation rate:** n.av.

**Flammability:** Flammable

**Upper/lower flammability limits:** n.av.

**Vapour pressure:** n.av.

**Vapour density:** n.av.

**Relative density:** 1.03 g/mL

**Solubility:** Soluble in water

**Partition coefficient: n-octanol/water:** n.av.

**Auto-ignition temperature:** n.av.

**Decomposition temperature:** n.av.

**Viscosity:** n.av.

## SECTION 10: Stability and reactivity

**Reactivity:** Non-reactive.

**Chemical stability:** Stable under normal conditions.

**Hazardous reactions:** Data not available.

<b>Conditions to avoid:</b>	Avoid exposure to source of ignition.
<b>Incompatible materials:</b>	Acid chlorides, acid anhydrides, oxidizing agents, alkali metals, reducing agents, acids.
<b>Hazardous decomposition products:</b>	Can thermally decompose to product carbon dioxide and carbon monoxide.

#### SECTION 11: Toxicological information

<b>Routes of exposure:</b>	Ingestion, inhalation, skin and eye contact.
<b>Symptoms of exposure:</b>	Skin and eye contact may results in pain, redness, swelling and irritation. Inhalation may result in irritation of the upper respiratory tract. Ingestion may cause gastrointestinal distress.
<b>Delayed and immediate effects:</b>	Immediately irritating to skin and eyes. Prolonged exposure to vapours may cause respiratory irritation.
<b>Acute toxicity estimate:</b>	18417 mg/kg human (oral)

#### SECTION 12: Ecological information

<b>Ecotoxicity:</b>	Data not available
<b>Persistence and degradability:</b>	Expected to be readily biodegradable
<b>Bioaccumulative potential:</b>	Low potential for bioaccumulation
<b>Mobility in soil:</b>	Data not available
<b>Other adverse effects:</b>	Data not available

#### SECTION 13: Disposal considerations

Product should be disposed of in accordance to provincial or state and local government requirements prior to disposal. If the product was supplied in a single use container, care should be taken to dispose of the container in a responsible manner in accordance to local regulations.

#### SECTION 14: Transport information

<b>Canadian TDG:</b>	Not regulated for transport
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#### SECTION 15: Regulatory information

<b>DSL:</b>	All components are listed on the Canadian DSL
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#### SECTION 16: Other information

**Prepared by:** Sci-Tech Engineered Chemicals Research and Development Department

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