



# SAFETY DATA SHEET

Rinse N Dry

## SECTION 01: IDENTIFICATION

**Product identifier** RINSE N DRY  
**Other means of identification** 3200  
**Recommended use** Rinse Aid  
**Recommended restrictions** Reserved for industrial and professional use.

**Manufacturer**  
**Company name** Crown Chemical Manufacturing Inc  
**Address** 106 Vulcan Street  
Toronto, Ontario, Canada  
M9W 1L2  
**Emergency Tel:** (905) 564-0904

**Supplier's Name**  
**Supplier's Address**

## SECTION 02: HAZARD(S) IDENTIFICATION

**Hazard Classification** Skin corrosion/irritation Category 2  
Serious eye damage/eye irritation Category 2

### Label elements



**Signal Word** Warning

**Hazard Statement** H315: Causes Skin Irritation.  
H319: Causes Serious Eye Irritation.

**Precautionary Statement** P264: Wash hands thoroughly after handling.  
P262: Do not get in eyes, on skin, or on clothing.  
P303+361+353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P363 Wash contaminated clothing before reuse.  
P403+233: Store in a well ventilated place. Keep container tightly closed.

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration %
Isopropyl Alcohol	67-63-0	3-7
Oxirane, Methyl-, Polymer With Oxirane	9003-11-6	15-40

## SECTION 04: FIRST-AID MEASURES

**Inhalation** Remove to fresh air. Get medical attention if symptoms occur.

**Skin contact** Wash off immediately with plenty of water. Wash clothing before reuse. If skin irritation occurs: Get medical advice/attention.



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<b>Eye</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.
<b>Ingestion</b>	Rinse mouth with water. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	See Section 11 for more detailed information on health effects and symptoms.

## SECTION 05: FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable extinguishing media</b>	None known.
<b>Specific hazards arising from the chemical</b>	Not flammable or combustible.
<b>Special protective equipment and precautions for firefighters</b>	Wear full protective equipment including a self-contained breathing apparatus.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not get in eyes, on skin, or on clothing. Handle in accordance with good industrial hygiene and safety practice. Spilled material may present a slipping hazard.

### Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

## SECTION 07: HANDLING AND STORAGE

<b>Precautions for safe handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not get in eyes, on skin or on clothing.
<b>Conditions for safe storage</b>	Keep out of reach of children. Store in suitable labeled containers.

## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Occupational exposure limits</b>	Overall Product: None established. Ingredient :Isopropyl Alcohol Agency: ACGIH TLV, Limit Type: TWA 200 ppm, STEL 400 ppm
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Agency: ACGIH TLV, Limit Type: TWA 200 ppm, STEL 400 ppm  
Agency: OSHA TWA 400 ppm (980 mg/m<sup>3</sup>), STEL 500 ppm  
Agency: NIOSH TWA 400 ppm (980 mg/m<sup>3</sup>)

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<b>Appropriate Engineering Controls</b>	Effective exhaust ventilation system.
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<b>Personal Protective Equipment</b>	Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
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<b>Gloves</b>	Vinyl or Latex
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<b>Respiratory</b>	Not required with expected use.
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<b>Eye</b>	Wear eye protection/face protection if splashing may occur.
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<b>Clothing</b>	Where contact is likely, wear appropriate chemical resistant equipment.
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<b>SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Odour</b>	Mild characteristic odour
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<b>Physical State</b>	Liquid
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<b>Color</b>	Blue
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<b>Odour Threshold</b>	No data available.
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<b>pH</b>	6.0 - 8.0
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<b>Freezing Point (°C)</b>	No data available.
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<b>Initial Boiling Point (°C)</b>	No data available.
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<b>Flashpoint (°C)</b>	No data available.
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<b>Evaporation Rate</b>	No data available.
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<b>Flammability</b>	No data available.
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<b>Lower Explosive Limit</b>	No data available.
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<b>Upper Explosive Limit</b>	No data available.
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<b>Lower Flammability Limit</b>	No data available.
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<b>Upper Flammability Limit</b>	No data available.
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Vapour Pressure (mm) No data available.

Vapour Density (Air = 1) No data available.

Relative Density >1.0

Solubility Soluble

Partition coefficient (n-octanol/water) No data available.

## SECTION 10: STABILITY AND REACTIVITY

Auto Ignition Temp. (°C) No data available.

Decomposition Temperature No data available.

Viscosity No data available.

Reactivity This material is considered to be non reactive under normal use conditions.

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 Extremes of temperature and direct sunlight.

Incompatible Materials Strong oxidizing agents & reducing agents.

Hazardous Decomposition Products No hazardous decomposition products if stored and handled as prescribed/indicated.

## SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure  Skin Contact  Eye Contact  Ingestion  
 Skin Absorption  Inhalation

Toxicological Information Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

EYES: Causes irritation. Experienced as discomfort or pain, excess blinking and tear production, with redness.

SKIN: Contact may cause irritation with redness and swelling.

Chronic Exposure : Health injuries are not known or expected under normal use.

Numerical Measures of Toxicity

Acute toxicity estimates (ATE) : no data available.

Toxicity Respiratory or skin sensitization : no data available



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Carcinogenicity : no data available  
Reproductive effects : no data available  
Germ cell mutagenicity : no data available  
Teratogenicity : no data available

## Numerical Measures Of Toxicity

Hazardous Ingredients	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Isopropyl Alcohol	Acute Toxicity LC50 Inhalation Gas. Rat 45248 ppm 1 hours LD50 Dermal Rabbit 12800 mg/kg LD50 Oral Rat 5000 mg/kg
Oxirane, Methyl-, Polymer With Oxirane	Acute toxicity LD50 Oral Rat >5000 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	In accordance with municipal, provincial and federal regulations.
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## SECTION 14: TRANSPORT INFORMATION

UN number	Not regulated under TDG.
TDG Classification	N/AP
Packing group	N/AP
Special Shipping Instructions	None

## SECTION 15: REGULATORY INFORMATION

Regulatory Information	This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.
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## SECTION 16: OTHER INFORMATION

N/AP = Not Applicable  
N/AV = Not Available



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ACGIH : American Conference of Governmental Industrial Hygienists

AIHA : American Industrial Hygiene Association

CMRG : Chemical Manufacturer's Recommended Guidelines

GHS: Globally Harmonized System

HPR : Hazardous Products Regulations

IARC: International Agency for Research on Cancer

NIOSH: The National Institute for Occupational Safety and Health

NTP : National Toxicology Program

OSHA : United States Department of Labor - Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

TLV: Threshold Limit Value

TWA: Time-Weighted-Average

Prepared By: Crown Chemical Manufacturing Inc.

Revision Date January 5, 2022

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