

## SAFETY DATA SHEET

### SPOTLESS

#### SECTION 1- PRODUCT IDENTIFICATION

**PRODUCT NAME** : Spotless  
**SYNONYMS** : Dri Rite  
**PRODUCT USE** : Rinse Aid  
**SUPPLIER** : United Formulas  
**SUPPLIER'S ADDRESS** : 601 6th St SW Unit 5, Great Falls, Mt 59404  
 (406) 727-4144  
**EMERGENCY RESPONSE PHONE NUMBER** : Infotrac: 1 800-535-5053



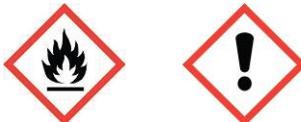
#### SECTION 2 – HAZARD IDENTIFICATION

##### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

**GHS U.S. – CLASSIFICATION** : H302 Harmful if swallowed.  
 : H315 Causes skin irritation  
 : H319 Causes serious eye irritation

**LABEL ELEMENTS** : **GHS – US HAZARD PICTOGRAMS** The product is classified and labeled according to the Globally Harmonized System (GHS).

**HAZARD PICTOGRAMS** :



**SIGNAL WORD** : WARNING

##### HAZARD STATEMENTS (GHS-US)

: H226 Flammable liquid and vapor.  
 : H319 Causes serious eye irritation.  
 : H335 May cause respiratory irritation.  
 : H336 May cause drowsiness or dizziness.

##### PRECAUTIONARY STATEMENTS (SGS-US)

**PREVENTION** : P210 Keep away from heat, sparks, and open flame. No Smoking.  
 : P261 Avoid breathing dust, fumes, or mist.  
 : P264 Wash arms, hands, and face thoroughly after handling.  
 : P280 Wear protective gloves and eye protection.  
 : P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 : P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.  
 +P338  
 : P312 Call a POISON CENTER or physician if you feel unwell.  
 : P337+P313 If eye irritation persists, get medical attention.  
 : P370+P378 In case of fire: Use dry chemical, foam, or carbon dioxide to extinguish.  
 : P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 : P403+P235 Store in a well-ventilated place. Keep cool.  
 : P405 Store locked up.  
 : P501 Dispose of contents in accordance with local, state, federal and international regulations.  
 : P405 Store locked up.

**OSHA HAZARDS** : Isopropanol: Flammable liquid, Target Organ Effect, Irritant  
**TARGET ORGANS** : Isopropanol: Cardiovascular system, Gastrointestinal tract, Kidney, Liver, Nerves.  
**CLASSIFICATION SYSTEM** : NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.

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**NFPA RATINGS (SCALE 0-4)** : Health = 2, Fire = 2, Reactivity = 0  
**HMIS RATINGS (SCALE 0-5)** : Health = 2, Fire = 2, Reactivity = 0

#### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**CHEMICAL CHARACTERISTIC DESCRIPTION** : Mixtures  
 : Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS #	EC #	GHS CLASS
Isopropanol (Isopropyl alcohol)	15-20	67-63-0	200-661-7	Eye Irrit Cat 2A, Flam Liq Cat 4 STOT SE Cat 3
Amines, tert-alkyl, ethoxylated propoxylate	40-60	68603-58-7	614-636-7	Acute Toxicity Oral: Cat 4

Irrit = Irritation, Corr. = Corrosion, Cat. = Category, Dam = Damage, Tox = Toxic, STOT SE = Single Target Organ Toxicity Single exposure.

#### SECTION 4 – FIRST AID MEASURES

##### DESCRIPTION OF FIRST AID MEASURES

**GENERAL** : If you feel unwell, seek medical advice. Show the label where possible. Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area

**EYE CONTACT** : Immediately flush eyes with low pressure water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Remove contact lenses, if present and easy to do so. Continue rinsing. If irritation persists, get immediate medical attention.

**SKIN CONTACT** : Remove contaminated clothing and shoes. Wash affected skin area with soap and water. If irritation persists, get immediate medical attention. Wash contaminated clothing before reuse.

**SWALLOWING (INGESTION)** : If ingested, dilute swallowed material by drinking water. DO NOT INDUCE VOMITING. If vomiting occurs spontaneously, keep airway clear and have victim lean forward to prevent aspiration. Give more water when vomiting stops. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**INHALATION** : Remove to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

**OTHER INSTRUCTIONS** : Rescue personnel must wear appropriate protective equipment during removal of victims from contaminated areas. Treat symptomatically and supportively.

#### SECTION 5 – FIRE FIGHTING MEASURES

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

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS** : Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water

**UNUSUAL FIRE AND EXPLOSION HAZARDS** : Vapors may travel to source of ignition and flash back.

**OSHA/NFPA (ISOPROPANOL)** : Class 1B Flammable Liquid.

**FLASH POINT (ISOPROPANOL)** : 12°C/ 53°F Closed Cup.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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- PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES** : Do not inhale vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid inhalation and direct contact.
- ENVIRONMENTAL PROCEDURES** : Keep spilled material away from sewage/drainage systems and waterways.
- METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP** : All clean-up personnel must be properly trained. Confine the spill and remove incompatible materials and ignition sources. Ensure adequate ventilation. Secure the source of the leak if conditions are safe. Collect with an electrically protected vacuum cleaner or by wet-brushing and place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers.

#### SECTION 7 – HANDLING AND STORAGE

- PRECAUTIONS FOR SAFE HANDLING** : Do not get on skin or in eyes. Do not inhale vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge.
- ENVIRONMENTAL PRECAUTIONS** : Stop leak. Contain spill if possible and safe to do so. Prevent product from entering drains.
- CONDITIONS FOR SAFE STORAGE** : Keep container tightly closed in a cool, dry, and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Protect containers from heat, physical damage, ignition sources and incompatible materials. Have emergency equipment for fires and spills readily available.



#### SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- TLV (THRESHOLD LIMIT VALUE)** : The TLV in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	OSHA PEL – TWA	ACGIH – TLV	ACGIH – STEL
Isopropanol (Isopropyl alcohol)	400 ppm	200 ppm	400 ppm
Amines, tert-alkyl, ethoxylated propoxylate	Not Established	Not Established	Not Established

- EYE PROTECTION** : Use chemical safety goggles and/or a full face-shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU) Maintain eye wash fountain and quick-drench facilities in work area.
- SKIN PROTECTION** : Wear impervious, flame retardant, antistatic protective clothing, including boots, gloves, lab coat, apron, or coveralls, as appropriate, to prevent skin contact.
- RESPIRATORY PROTECTION** : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
- HAND PROTECTION** : Handle with gloves. Gloves must be inspected prior to use. Dispose of contaminated

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gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

- APPROPRIATE ENGINEERING CONTROLS** : General room or local exhaust ventilation is usually required to meet exposure limit(s). Electrical equipment should be grounded and conform to applicable electrical code.
- ADDITIONAL MEASURES** : Emergency eyewash and safety shower facilities should be available in the immediate work area.
- REQUIRED WORK/HYGIENE** : Wash hands thoroughly after handling. Keep away from all food stuffs, beverages, and feed. Do not eat, drink, or smoke in work area.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE** : Blue Liquid
- ODOR** : Mild odor
- ODOR THRESHOLD** : Not available
- PH** : NOT EST.
- MELTING POINT/FREEZING POINT** : Not available
- BOILING POINT** : Approx. 212° F.
- FLASH POINT** : < 37°C (100°F)
- EVAPORATION RATE** : Not available
- FLAMMABILITY** : Combustible Liquid
- LOWER FLAMMABILITY LIMIT** : Not available
- UPPER FLAMMABILITY LIMIT** : Not available
- VAPOR PRESSURE** : Not available
- VAPOR DENSITY (AIR=1)** : Not available
- RELATIVE DENSITY** : 0.9
- SOLUBILITY IN WATER** : Soluble in water
- PARTITION COEFFICIENT n-OCTANOL/WATER** : Not available
- AUTOIGNITION TEMPERATURE** : Not available
- DECOMPOSITION TEMPERATURE** : Not available

#### SECTION 10 – STABILITY AND REACTIVITY

- STABILITY** : Stable under recommended storage conditions.
- HAZARDOUS CONDITIONS TO AVOID** : Heat, flames, and sparks. Extreme temperatures and direct sunlight.
- INCOMPATIBLE MATERIALS** : Oxidizing agents, Acid anhydrides, Aluminum, Halogenated compounds, Acids.
- HAZARDOUS DECOMPOSITION PRODUCTS** : Carbon oxides are expected to be, under fire conditions, the primary hazardous decomposition products.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

- TOXICOLOGICAL INFORMATION** : **Isopropanol (Isopropyl Alcohol)**
- ACUTE TOXICITY** : LD50 Oral (rat): 5045 mg/kg. LD50 Dermal (rabbit): 12,800 mg/kg. LC50 Inhalation (rat) 8hr: 16,000 mg/kg.
- OTHER INFORMATION EYES** : Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. May cause transient corneal injury
- OTHER INFORMATION INGESTION** : Causes gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.

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<b>OTHER INFORMATION INHALATION</b>	: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness, and coma. May cause narcotic effects in high concentration. Causes upper respiratory tract irritation. Inhalation of vapors may cause drowsiness and dizziness.
<b>OTHER INFORMATION SKIN</b>	: May cause irritation with pain and stinging, especially if the skin is abraded. Isopropanol has a low potential to cause allergic skin reactions; however, rare cases of allergic contact dermatitis have been reported.
<b>STOT SINGLE EXPOSURE CARCINOGENICITY</b>	: Inhalation - May cause drowsiness or dizziness. - Central Nervous System. : IARC: Group 3: Not classifiable as to its carcinogenicity to humans. No component of this product, present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH, NTP or OSHA.
<b>TOXICOLOGICAL INFORMATION ACUTE TOXICITY INHALATION LC50 DERMAL LD50 PRIMARY SKIN IRRITATION PRIMARY EYE IRRITATION CARCINOGENICITY</b>	: <b>Amines, tert-alkyl, ethoxylated propoxylate</b> : LD50 Oral (rat): 16,000 mg/kg, : No data available : LD50 Dermal (rabbit): 4,490 mg/kg. : Slight irritation. : No data available. : This product is not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

#### SECTION 12 – ECOLOGICAL INFORMATION

<b>ECOLOGICAL INFORMATION ACUTE FISH TOXICITY TOXICITY TO DAPHNIA TOXICITY TO PLANTS MOBILITY  PERSISTENCE AND DEGRADABILITY BIOACCUMULATIVE POTENTIAL</b>	: <b>Isopropanol</b> : LC50 / 96 hr: Pimephales promelas: 9,640 mg/L. : EC50 / 24 h / Water Flea - 5,102 mg/L. : EC50 / 72 hours Desmodesmus subspicatus > 2,000 mg/L. : This material is expected to have very high mobility in soil. It does not absorb to most soil types. : No data available. : No data available.
<b>ECOLOGICAL INFORMATION ECOTOXICITY PERSISTENCE AND DEGRADABILITY BIOACCUMULATIVE POTENTIAL</b>	: <b>Amines, tert-alkyl, ethoxylated propoxylate</b> : Not available. : No data available. : No data available.

#### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL</b>	: This product must be disposed of in accordance with Federal, state, and local environmental regulations. Discarded materials may be considered hazardous waste due to pH/corrosivity. It is the responsibility of the product user to determine at the time of disposal whether a material containing, or derived from this product, should be classified as a hazardous waste.
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#### SECTION 14 – TRANSPORTATION INFORMATION

<b>DOT/IMDG/ IATA PROPER SHIPPING NAME HAZARD CLASS AND LABEL UN NUMBER PACKAGING GROUP</b>	: UN1219 Isopropanol Solution 3, PGIII : 3 (Flammable Liquid) : UN1219 : PGIII
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<b>HMIS</b>	:	Hazardous Materials Identification System (USA)
<b>WHMIS</b>	:	Workplace Hazardous Materials Information System
<b>LC50</b>	:	Lethal concentration, 50 percent
<b>LD50</b>	:	Lethal dose, 50 percent
<b>STOT</b>	:	Systemic Target Organ Toxicity
<b>DATE PREPARED</b>	:	MAR 1, 2018
<b>DATE REVISED</b>	:	SEP 25, 2025