



MATERIAL SAFETY DATA SHEET

SPOTFREE

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Spotfree
GENERAL/GENERIC NAME:
PRODUCT USE: Rinse Aid
EFFECTIVE DATE: AUGUST 21, 2014
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
9 City View Drive, Etobicoke, Ontario M9W 5A5
24 HOUR EMERGENCY NO. 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Isopropyl Alcohol	1 – 5	67-63-0	400 ppm	LD50 5045 mg/kg (oral/rat) 12800 mg/kg (skin/rabbit) LC50 16000 ppm/4h (inhalation/rat)
Phosphoric Acid	20 – 50	7664-38-2	1 mg/m ³ OSHA-PEL ACGIH-TWA 1993-94	LD50 1530 mg/kg (oral/rat) 2740 mg/kg (dermal/rat)

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: May cause irritation.

Eye Contact: May cause transient irritation.

Inhalation: Mist may cause irritation of the respiratory tract.

Ingestion: May cause irritation to digestive tract.

Effects of Acute Exposure: (see section 11 for Toxicological information).

SECTION 4 – FIRST AID

Eyes: Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use. Seek medical attention if skin is burned or symptoms continue.

Inhalation: Remove victim to fresh air. Aid in breathing if necessary. If breathing stops, administer artificial respiration. Seek medical attention. Effects may be delayed for a few hours and aggravated by physical exertion.

Ingestion: Give plenty of water to drink to dilute stomach contents. **Do not induce vomiting.** Seek immediate medical attention.

Note to Physician: Risk of permanent corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None

FLAMMABLE LIMITS: ND

AUTO-IGNITION TEMP: ND

EXTINGUISHING MEDIA:

SPECIAL FIREFIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.

EXPLOSION DATA: ND

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain spills; absorb onto inert material.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: Avoid all skin contact. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. Keep container closed when not in use.

Storage Procedures: Keep from freezing. Keep containers closed when not in use.

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Rubber
EYE PROTECTION: Safety glasses if risk of contact.
OTHER PROTECTIVE MEASURES: ND

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear green
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.01
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: 2
EVAPORATION RATE: ND
INITIAL BOILING POINT: 100°C approximately
WATER SOLUBILITY: Complete
FREEZING POINT: 0°C approximately

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: ND
HAZARDOUS DECOMPOSITION PRODUCTS: ND
HAZARDOUS POLYMERIZATION: ND
CONDITIONS TO AVOID: ND

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: Corrosive. Causes severe irritation.
EYE CONTACT: Corrosive. Causes severe burns.
INHALATION: None expected.
INGESTION: Causes severe irritation to digestive tract.
EFFECT OF CHRONIC EXPOSURE: None known
IRRITANCY OF PRODUCT: Low
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

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SECTION 12 – ECOLOGICAL CONSIDERATION

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Corrosive Liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid)
Class 8 UN 3264 Packing Group III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

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