

MATERIAL SAFETY DATA SHEET

IODA RINSE



SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Ioda Rinse
GENERAL/GENERIC NAME:
PRODUCT USE: Rinse Additive
EFFECTIVE DATE: October 6, 2011
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
24 Ronson Drive, Unit 16
Etobicoke, Ontario M9W 1B4
613-996-6666
24 HOUR EMERGENCY NO.

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Phosphoric Acid	2 – 3	7664-38-2	PEL(OSHA) 1 mg/m ³ TLV(OSHA) 1 mg/m ³	LD50 1530 mg/kg (oral/rat) LD50 2740 mg/kg (skin/rabbit)
Ethoxylated Fatty Alcohol	2 – 10	9002-92-0	ND	ND

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 corneal injury if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: As for surrounding fire
SPECIAL FIREFIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.
EXPLOSION DATA: Not expected to be sensitive.
HAZARDOUS COMBUSTION PRODUCTS: On contact with certain metals, flammable hydrogen gas will evolve. Oxides of nitrogen and phosphorus, fumes of iodine

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Wear protective equipment. Neutralize carefully with soda ash or dilute caustic. Provide adequate ventilation. Mop up or soak up with non-oxidizing material. Do not use sawdust, cloth or other organic materials.

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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: NIOSH approved if ventilation is not adequate.
VENTILATION: Local, mechanical exhaust ventilation to maintain vapour concentration below exposure limits.
PROTECTIVE GLOVES: Rubber or Latex
EYE PROTECTION: Chemical goggles
OTHER PROTECTIVE MEASURES: Long sleeves

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Dark brown viscous liquid
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.23
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: 2.0
EVAPORATION RATE: ND
INITIAL BOILING POINT: ND
WATER SOLUBILITY: Complete
FREEZING POINT: ND

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Alkalis, certain metals, chlorinated materials.
HAZARDOUS DECOMPOSITION PRODUCTS: ND
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Contact with soft metals will yield hydrogen gas. Contact with alkalis will generate heat. Contact with chlorinated material will generate toxic gas.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: May cause severe irritation.
EYE CONTACT: Extremely corrosive. May cause permanent damage if not treated properly.
INHALATION: May cause irritation of the respiratory tract.
INGESTION: Can cause mouth, throat and stomach burns. Can effect kidney function and be fatal if swallowed.
EFFECT OF CHRONIC EXPOSURE: Not known.
IRRITANCY OF PRODUCT: Moderate
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

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SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystems.

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 PG III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

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