

SAFETY DATA SHEET

IODA RINSE

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: IODA RINSE
 PRODUCT USE: Iodine Detergent Germicide
 VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
 9 City View Drive, Etobicoke, Ontario M9W 5A5
 24 HOUR EMERGENCY NO. 613-996-6666 (CANUTEC)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION

- SKIN CORROSION/IRRITATION- CATEGORY 1A; EYE DAMAGE/IRRITATION –CATEGORY 1
 ACUTE TOXICITY ORAL - CATEGORY 4.

LABEL ELEMENTS



- SIGNAL WORD: DANGER
- HAZARD STATEMENT(S): HARMFUL IF SWALLOWED, IN CONTACT WITH SKIN OR IF INHALED. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
- PRECAUTIONARY STATEMENTS: Wash skin thoroughly after handling. Wear chemical safety glasses and nitrile gloves. Avoid breathing vapors. Do not mix with bleach or any chlorinated products. Dispose of contents/ containers in accordance with local regulations.
- RESPONSE: - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 IF ON SKIN: Wash with plenty of water. Get medical attention. Take off contaminated clothes and wash it before reuse.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately
 IF SWALLOWED: Immediately call a poison center or doctor. Rinse mouth.

SECTION 3 – COMPOSITION / INFORMATION INGREDIENTS

CHEMICAL NAME	%	CAS.NO
IODINE	1.9	7553-56-2
PHOSPHORIC ACID	2 - 5	7664-38-2
Alcohols, C9-11, ethoxylated	1 - 5	68439-46-3
Glycolic acid	0.5 - 2	79-14-1

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove source of exposure or move to fresh air. Call a poison centre or doctor if you feel unwell.

SAFETY DATA SHEET

IODA RINSE

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention or advise. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention or advice.

Ingestion: Immediately call a Poison Centre or doctor. Do not induce vomiting.

Note to physician: Treat symptomatically, no specific antidote. See toxicological information (section 11)

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable Extinguishing Media: Use water fog or foam.

Unsuitable Extinguishing Media: None known

Specific hazards arising from the product: No specific fire or explosion hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, iodine gas.

Advice for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do it without risk. Move containers from fire area if you can do so without risk.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear suitable protective clothing. Wear eye/face protection.

Environmental precautions: Do not allow to enter drains, sewers or watercourses. Advise authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

Methods and materials for containment and cleaning up: Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Reference to other sections See also Section 8.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Ventilate adequately, otherwise wear an appropriate breathing apparatus. Do not breathe vapor or mist. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.

Storage Procedures: Keep containers closed when not in use. Store between the following temperatures: 5 to 40°C.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

CHEMICAL NAME	ACGIH TLV		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8 hour TWA	Short term TWA ©
IODINE	Not Available	Not Available	Not Available	0.1 ppm	Not Available	Not Available
Phosphoric acid	Not available	3 mg/m ³	Not available		1 mg/m ³	

ACGIH= American Conference of Governmental Industrial Hygienists. TLV = Threshold Limit Value. TWA = Time-weighted Average. STEL = Short-term Exposure Limit OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits. AIHA = AIHA Guideline Foundation. WEEL = Workplace Environmental Exposure Limit.

Appropriate Engineering Control: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual Protection Measure:

SAFETY DATA SHEET

IODA RINSE

Eye/Face Protection: Do not get into eyes. Wear chemical safety goggles.

Skin Protection: Prevent all skin contact, wear nitrile gloves.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, dark brown colour.
Odour:	Iodine
pH :	1.5 - 2 (100 %)
Melting Point:	Not available
Boiling point:	> 100 ° C
Flash Point:	Not available
Vapour pressure:	Not available
Vapour density:	Not available
Evaporation Rate:	Not available
Flammability:	Not available
Explosive Limit:	Not available
Lower flammable/explosive limit:	Not available
Upper flammable/explosive limit:	Not available
Relative Density:	1.125 (water = 1)
Viscosity:	Not available
Solubility in water:	Soluble
Auto ignition temperature	Not available
Partition coefficient - n-octanol/water:	Not available
Decomposition temperature:	Not available
Auto ignition temperature	Not available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	Active metals, fluorine, liquid chlorine, acetaldehyde, acetylene, carbides, powdered aluminum.
HAZARDOUS DECOMPOSITION PRODUCTS:	Decomposition products may include the following Hydrogen Iodide
HAZARDOUS POLYMERIZATION:	Will not occur.

SAFETY DATA SHEET

IODA RINSE

CONDITIONS TO AVOID:

None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Chemical Name	LC50	LD50	LD50 (dermal)
Iodine	Not available	22 g/kg (oral mouse)	Not available
Phosphoric acid	Not Available	1.25g/kg (Rat)	Not available

Routes of exposure: Skin contact, Eye contact, Ingestion.

Eye contact: Material will cause redness. May cause permanent damage if eye is not immediately irrigated.

Skin contact. Material will cause redness.

Inhalation: Material will cause coughing and respiratory tract irritation.

Acute toxicity:

Eye contact: Causes serious eye damage.

Skin contact: Causes skin corrosion

Inhalation: Causes respiratory irritation.

Ingestion: Harmful if swallowed. Causes digestive tract burns.

Germ cell mutagenicity: Not available

Carcinogenicity: Not classified or listed as a carcinogen by IARC, ACGIH, CA Prop 65, or NTP.

Reproductive toxicity: No evidence of reproductive toxicity or developmental toxicity.

STOT - single exposure irritating to respiratory system.

STOT - Not classified.

Aspiration hazard: Not classified.

SECTION 12 – ECOLOGICAL CONSIDERATION

Eco toxicity : This material is harmful to aquatic life.

Bio accumulative potential Inorganic: The substance has no potential for bioaccumulation.

Mobility in soil: Not applicable.

Other adverse effects: Not available.

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC N.O.S. (Phosphoric Acid) Class 8 PG III

SECTION 15 – REGULATORY INFORMATION

Refer to section 2.

SAFETY DATA SHEET

IODA RINSE

SECTION 16 – OTHER INFORMATION

EFFECTIVE DATE:

March 7, 2016: **Revision 1**

Prepared by: Lab Personnel

Phone: (416) 744-2120

Website: www.alpinechem.com

Disclaimer:

The information contained in this form is based on data from sources considered technically reliable and has been provided in good faith in accordance with the available material. It is provided as a service to the persons using the product but conditions of use and handling may involve other and additional consideration beyond our control. No warranty, expressed or implied, is made and we will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information in this form.