

SAFETY DATA SHEETS

This SDS packet was issued with item:

078013886

N/A

Prepodyne Solution

Material Safety Data Sheet

Preparation Date 03-Dec-2007
Revision Number: 0
Revision Date

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Description: Prepodyne Solution
Item#: 2040

Supplier DeLaval Manufacturing
11100 N. Congress Ave.
Kansas City, MO 64153

Tel: 816-891-7700, 8am – 5pm M-F

Emergency Telephone Number Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
May cause eye irritation

Potential Health Effects

Principle Routes of Exposure Eye contact
Ingestion

Major effects of exposure

Eyes	Contact with eyes may cause irritation.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea .

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %	OSHA PEL
Iodine	7553-56-2	1 - 5	Ceiling: 0.1 ppm Ceiling: 1 mg/m ³

4. FIRST AID MEASURES

Eye contact

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
- If eye irritation persists, get medical advice/attention

Ingestion • Call a physician or Poison Control Centre immediately

5. FIRE-FIGHTING MEASURES

Fire Hazard The product is not flammable.

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Protective Equipment and Precautions for Firefighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health	Flammability	Instability
1	0	0

NFPA Special Hazard none

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid contact with eyes.

Environmental Precautions Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods for cleaning up Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Do not freeze. Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	ACGIH TLV	OSHA PEL
Iodine	Ceiling: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1 mg/m ³

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Eye/face Protection Safety glasses with side-shields

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark brown
Form	liquid
Specific Gravity	1.02
Density	8.5 lb/gal
Water Solubility	soluble
pH	4 - 7
Freezing point	22°F

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Incompatible Materials	strong oxidizing agents, strong acids, strong bases

11. TOXICOLOGICAL INFORMATION

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Iodine	14000 mg/Kg		137 ppm

Chronic Toxicity

Carcinogenicity	Contains no ingredient listed as a carcinogen
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12. ECOLOGICAL INFORMATION**Ecotoxicity**

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Iodine		LC50 (96 h) 0.53 mg/L		LC50 (48 h) 0.16 mg/L

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

Not regulated

15. REGULATORY INFORMATION

Component	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Iodine	Present	X	-	231-442-4	-	-	X	97-3-0138	X	X

USA**Federal Regulations**

TSCA Complies

California Proposition 65

This product does not contain any Proposition 65 chemicals.

State Right-to-Know

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Iodine	X	X	X		X

16. OTHER INFORMATION

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Disclaimer

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