

# Safety Data Sheet according to WHMIS 2015



## 1: IDENTIFICATION

**Product Name: IMPEL (BORON) RODS**

**PCP Registration:** 21324

**Product Form:** Solid wood preservative

**Recommended Use:** Protection of wood against fungal decay and insects

**Product supplier:** Sasco Products Limited, 10 Ilsley Avenue, Unit 3, Dartmouth, NS, Canada

**Emergency Phone:** 902-489-6366 (emergency only, for regular information call 902-468-2126)

## 2: HAZARD IDENTIFICATION

### Classification:

- Skin Irritation Category 2
- Eye Irritation Category 2

### Pictogram:



**Signal word:** Warning

### Hazard statement:

- H315 - Causes skin irritation
- H319 - Causes serious eye irritation

### Precautionary statements:

- P101 - If medical advice is needed, have product container or label at hand
- P102 - Keep out of reach of children
- P280 - Wear protective gloves/eye protection/face protection
- P332+P313 - If skin irritation occurs, get medical advice/attention
- P337+P313 - If eye irritation persists, get medical advice/attention
- P501 - Dispose of contents/container in accordance with local regulations

## 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient name	%	CAS Number
Anhydrous Disodium Octaborate	98	1330-43-4

## 4: FIRST AID MEASURES

**Skin contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment.

**Ingestion:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**Additional information:** When obtaining medical advice, show the safety data sheet or label.

**Most important symptoms and effects:** See section 11.

## 5: FIRE-FIGHTING MEASURES

**Extinguishing media:** A foam or dry chemical fire extinguishing system is preferred to prevent environmental damage from excessive water runoff.

**Specific hazards arising from the hazardous product:** The product is not directly flammable. Avoid inhalation of vapor and fumes - seek fresh air. Hazardous fumes are formed in fire conditions. Exposure to decomposition products may cause a health hazard.

**Special protective equipment and precautions for fire-fighters:** Send contaminated extinguishing water for destruction. If there is a risk of exposure to vapor and flue gases, a self-contained breathing apparatus must be worn.

## 6: ACCIDENTAL RELEASE MEASURES

In the event of road accident, the product should be collected in a suitable container (i.e. plastic bag or bucket) and returned to manufacturer or disposed of according to local regulations.

## 7: HANDLING & STORAGE

**Precautions of safe handling:** See section 8 for information about precautions for use and personal protective equipment. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling this product and before eating, drinking, or smoking.

**Conditions of storage:** The product should be stored safely, out of reach of children and away from food, drugs, and animal feeding stuffs. Keep tightly sealed in original containers, and store in a dry, cool, and well-ventilated area.

## 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### Control parameters:

#### DNEL – Anhydrous Disodium Octaborate:

Dermal long term systemic effects – Workers: 316.4 mg/kg bw/day

Inhalation long term systemic effects – Workers: 6.7 mg/m<sup>3</sup>

Inhalation long term local effects – Workers: 11.7 mg/m<sup>3</sup>

Oral short term systemic effects – General population: 0.79 mg/kg bw/day

Oral long term systemic effects – General population: 0.79 mg/kg bw/day

Dermal long term systemic effects – General population: 159.5 mg/kg bw/day

Inhalation long term systemic effects – General population: 3.4 mg/m<sup>3</sup>

Inhalation long term local effects – General population: 11.7 mg/m<sup>3</sup>

PNEC	Water Fresh	Water Marine	Water Intermittent Releases	Soil
Anhydrous Disodium Octaborate	2.9 mg/L	2.9 mg/L	13.7 mg/L	5.7 mg/kg soil dw

**Appropriate engineering controls:** Ensure good ventilation of the work area.

### Individual protection measures:

**Hand protection:** Wear protective gloves made of nitrile rubber, neoprene rubber, or butyl rubber.

**Eye protection:** Wear safety goggles if there is a risk of eye splash.

**Body and skin protection:** Special work clothing should be used.

**Environmental exposure controls:** Ensure compliance with local regulations for disposal.

## 9: PHYSICAL & CHEMICAL PROPERTIES

**Appearance:** Clear, hard glass-like rods

**Odor:** None

**Flash point:** N/A

**Decomposition temperature:** No data available

**pH:** N/A

**Specific gravity:** 2.2

**Evaporation rate:** No data available

**Solubility:** Soluble

## 10: STABILITY & REACTIVITY

**Reactivity:** Non-reactive under normal conditions of use, storage, and transport

**Chemical stability:** Stable when used in accordance with the supplier's directions

**Possibility of hazardous reactions:** None known

**Conditions to avoid:** None known

**Incompatible materials:** Avoid contact with strong oxidizing agents

**Hazardous decomposition products:** Heat and fire may result in thermal decomposition and the release of gaseous boron compounds

## 11: TOXICOLOGICAL INFORMATION

Substance	LD50 Oral	LC50 Inhalation	LD50 Dermal
Anhydrous Disodium Octaborate	1680 mg/kg bw	> 2.03 mg/L air – 5 h	> 2000 mg/kg bw

### Symptoms

- Inhalation of product dust may cause lethargy and dizziness.
- Ingestion may cause discomfort.
- Skin contact may cause reddening
- Eye contact causes a burning sensation and tearing.
- Prolonged or repeated exposure by skin contact or inhalation of dust may cause damage to the central nervous system.
- The product contains anhydrous disodium octaborate, which is a suspected reproductive hazard.

## 12: ECOLOGICAL INFORMATION

Substance	Fish - 96 h	Daphnia - 48 h	Algae - 72 h
Anhydrous Disodium Octaborate	LC50: 74 mg/L	–	–

## 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with local regulations

## 14: TRANSPORTATION INFORMATION

Not classified as a dangerous good under transportation regulations

## 15: REGULATORY INFORMATION

This product is regulated under the Pest Control Products Act in Canada.

## 16: OTHER INFORMATION

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