

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP I-DINE BLOCKS 72EA

Material number : F07901

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

For SDS Information : Compliance Services - 877-428-9937

For a Medical Emergency : 877-541-2016 Toll Free - All Calls Recorded

For a Transportation  
Emergency : CHEMTREC: 800-424-9300 - All Calls Recorded.  
In the District of Columbia 202-483-7616

#### Recommended use of the chemical and restrictions on use

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	solid
Colour	brown
Odour	No information available.

#### GHS Classification

Specific target organ toxicity - single exposure : Category 3

Skin corrosion : Category 1B

Serious eye damage : Category 1

Skin sensitisation : Category 1

#### GHS label elements

Hazard pictograms :



Corrosion

Exclamation  
mark

Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.

Precautionary statements : **Prevention:**  
P260 Do not breathe dust or mist.  
P264 Wash skin thoroughly after handling.

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P363 Wash contaminated clothing before reuse.

### Disposal:

P501 Dispose of contents/container in accordance with local regulation.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration [%]
calcium sulphate dihydrate	10101-41-4	>= 50 - < 70
iodine	7553-56-2	>= 5 - < 10

The exact percentages of disclosed substances are withheld as trade secrets.

## SECTION 4. FIRST AID MEASURES

- General advice : Do not leave the victim unattended.  
Move out of dangerous area.  
Get medical attention immediately.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.  
If breathing is difficult, give oxygen.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.  
If skin irritation persists, call a physician.  
Remove contaminated clothing and shoes.  
Wash contaminated clothing before reuse.

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

- |   |   |
|---|---|
| In case of eye contact                                      | : Rinse immediately with plenty of water for at least 15 minutes.<br>If eye irritation persists, consult a specialist.<br>Remove contact lenses.<br>Protect unharmed eye.<br>Keep eye wide open while rinsing.  |
| If swallowed  | : Do NOT induce vomiting.<br>Never give anything by mouth to an unconscious person.<br>Keep respiratory tract clear.<br>If symptoms persist, call a physician or Poison Control Centre immediately.   |
| Most important symptoms and effects, both acute and delayed | : Effects are dependent on exposure (dose, concentration, contact time).<br>Effects are immediate and delayed.<br>Symptoms may include blistering, irritation, burns, and pain.<br>Causes severe skin burns and eye damage.<br>May cause respiratory irritation.<br>Review section 2 of SDS to see all potential hazards. |
| Notes to physician  | : Treat symptomatically. Symptoms may be delayed.   |

---

### SECTION 5. FIREFIGHTING MEASURES

- |   |   |
|---|---|
| Suitable extinguishing media                  | : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  |
| Unsuitable extinguishing media                | : High volume water jet   |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or water courses.   |
| Hazardous combustion products                 | : No hazardous combustion products are known  |
| Specific extinguishing methods                | : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.   |
| Further information                           | : Standard procedure for chemical fires.<br>Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.  |

---

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- |   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.   |
| Environmental precautions   | : Prevent further leakage or spillage.<br>If the product contaminates rivers and lakes or drains, inform |

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

respective authorities.

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

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.

Conditions for safe storage : Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid : Keep away from oxidizing agents and strongly acid or alkaline materials.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
calcium sulphate dihydrate	10101-41-4	TWA (Respirable)	5 mg/m <sup>3</sup>	NIOSH REL
		TWA (total)	10 mg/m <sup>3</sup>	NIOSH REL
		TWA (total dust)	15 mg/m <sup>3</sup>	OSHA Z-1
		TWA (respirable fraction)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Total dust)	15 mg/m <sup>3</sup>	OSHA P0
		TWA (respirable dust fraction)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Inhalable fraction)	10 mg/m <sup>3</sup>	ACGIH
		PEL (Total dust)	10 mg/m <sup>3</sup>	CAL PEL
		PEL (respirable dust fraction)	5 mg/m <sup>3</sup>	CAL PEL
		TWA (Inhalable fraction)	10 mg/m <sup>3</sup>	ACGIH
iodine	7553-56-2	TWA (Inhalable fraction and vapor)	0.01 ppm	ACGIH

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

		C	0.1 ppm 1 mg/m3	NIOSH REL
		C	0.1 ppm 1 mg/m3	OSHA Z-1
		C	0.1 ppm 1 mg/m3	OSHA P0
		STEL (Vapor and aerosol)	0.1 ppm	ACGIH
		C	0.1 ppm 1 mg/m3	CAL PEL
calcium sulphate dihydrate	10101-41-4	TWA (Respirable)	5 mg/m3	NIOSH REL
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1
		TWA (Total dust)	15 mg/m3	OSHA P0
		TWA (respirable dust fraction)	5 mg/m3	OSHA P0
		TWA (Inhalable fraction)	10 mg/m3	ACGIH
		PEL (Total dust)	10 mg/m3	CAL PEL
		PEL (respirable dust fraction)	5 mg/m3	CAL PEL
		TWA (Inhalable fraction)	10 mg/m3	ACGIH
iodine	7553-56-2	TWA (Inhalable fraction and vapor)	0.01 ppm	ACGIH
		C	0.1 ppm 1 mg/m3	NIOSH REL
		C	0.1 ppm 1 mg/m3	OSHA Z-1
		C	0.1 ppm 1 mg/m3	OSHA P0
		STEL (Vapor and aerosol)	0.1 ppm	ACGIH
		C	0.1 ppm 1 mg/m3	CAL PEL

**Engineering measures** : effective ventilation in all processing areas

### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

Hand protection	
Material	: Protective gloves
Remarks	: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	: Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water. Tightly fitting safety goggles
Skin and body protection	: Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: General industrial hygiene practice.

---

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: solid
Colour	: brown
Odour	: No information available.
Odour Threshold	: No data available
pH	: No data available
Melting point/freezing point	: No data available
Boiling point	: No data available
Flash point	: does not flash
Evaporation rate	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: partly soluble
Solubility in other solvents	: not determined
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: not determined
Thermal decomposition	: No data available
Viscosity	

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

Viscosity, kinematic : No data available

---

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : Stable

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Stable under recommended storage conditions.  
No hazards to be specially mentioned.

Conditions to avoid : Extremes of temperature and direct sunlight.

Incompatible materials : Strong acids and strong bases  
Strong oxidizing agents

Hazardous decomposition products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

---

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

Aggravated Medical Condition : None known.

Symptoms of Overexposure : Effects are dependent on exposure (dose, concentration, contact time).  
Effects are immediate and delayed.  
Symptoms may include blistering, irritation, burns, and pain.  
Causes severe skin burns and eye damage.  
May cause respiratory irritation.  
Review section 2 of SDS to see all potential hazards.  
Treat symptomatically. Symptoms may be delayed.

#### Carcinogenicity:

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### Acute toxicity

#### Product:

Acute inhalation toxicity : Acute toxicity estimate : 90.44 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

#### Components:

##### iodine:

Acute inhalation toxicity : LC50 Rat: 4.588 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

### Skin corrosion/irritation

#### Product:

Remarks: Extremely corrosive and destructive to tissue.

### Serious eye damage/eye irritation

#### Product:

Remarks: May cause irreversible eye damage.

### Respiratory or skin sensitisation

#### Product:

Remarks: Causes sensitisation.

#### Components:

##### iodine:

Classification: May cause sensitisation by skin contact.

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive toxicity

No data available

### STOT - single exposure

#### Product:

Remarks: No data available

### STOT - repeated exposure



# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### **Product:**

Remarks: No data available

### **Aspiration toxicity**

No data available

### **Further information**

### **Product:**

Remarks: No data available

---

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No data available

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

### **Product:**

Partition coefficient: n-octanol/water : Remarks: No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

### **Product:**

Regulation	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information	: No data available
	No data available

---

## **SECTION 13. DISPOSAL CONSIDERATIONS**

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### Disposal methods

- Waste from residues : Dispose of in accordance with local regulations.  
The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

## SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

## SECTION 15. REGULATORY INFORMATION

- TSCA list** : No substances are subject to a Significant New Use Rule.
- No substances are subject to TSCA 12(b) export notification requirements.

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Skin corrosion or irritation  
Serious eye damage or eye irritation  
Specific target organ toxicity (single or repeated exposure)  
Respiratory or skin sensitisation

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### The components of this product are reported in the following inventories:

**TSCA** On TSCA Inventory  
**DSL** All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

---

## SECTION 16. OTHER INFORMATION

# SAFETY DATA SHEET

## ZEP I-DINE BLOCKS 72EA

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

### Further information

#### NFPA:

HEALTH	2
FLAMMABILITY	0
INSTABILITY	0
SPECIAL HAZARD.	

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme

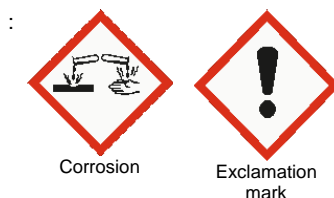
#### HMIS III:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA - GHS Label Information:

Hazard pictograms



Signal word

Hazard statements

Precautionary statements

: **Danger:**  
: Causes severe skin burns and eye damage. May cause an allergic skin reaction.  
:  
: **Prevention:** Do not breathe dust or mist. Wash skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.  
: **Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. If skin irritation or rash occurs: Get medical advice/ attention. Wash contaminated clothing before reuse.  
:  
: **Disposal:** Dispose of contents/container in accordance with local regulation.

# **SAFETY DATA SHEET**

## **ZEP I-DINE BLOCKS 72EA**

Version 3.1

Revision Date 10/01/2023

Print Date 04/28/2025

---

Version:	3.1
Revision Date:	10/01/2023
Print Date:	04/28/2025

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting this manufacturer, supplier or distributor.