

# Safety Data Sheet

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VERSION: 1

## 1. IDENTIFICATION

### PRODUCT IDENTIFIER

**PRODUCT NAME** BESHET SHOCK 22

### OTHER MEANS OF IDENTIFICATION

**SDS Number**

**UN/ID No** UN1791

**Recommended Uses** For industrial use

### SDS-SUPPLIER INFORMATION

**SUPPLIER ADDRESS** Beshet Supply  
3600 West Jarvis Avenue  
Skokie, IL 60076

### EMERGENCY TELEPHONE NUMBER

**COMPANY PHONE NUMBER** (847) 679-2600

**COMPANY FAX NUMBER**

**24-HOUR EMERGENCY TELEPHONE (ACCOUNT #8686)**

**NORTH AMERICA** 1-800-633-8253

**INTERNATIONAL** PERS 1-801-629-0667

## 2. HAZARDS IDENTIFICATION

### CLASSIFICATION

Skin corrosion/irritation Category 1 Sub-category C  
Serious eye damage/eye irritation Category 1

**SIGNAL WORD** Danger

### HAZARD STATEMENTS



### HAZARD STATEMENTS

1. Do not breathe dusts or mists
2. Wash face, hands and any exposed skin thoroughly after handling
3. Wear protective gloves/protective clothing/eye protection/face protection

**APPEARANCE** Liquid

**PHYSICAL STATE** Liquid

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## PRECAUTIONARY STATEMENTS

### PREVENTION

Do not breathe dusts or mists  
Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection  
Do not breathe dusts or mists  
Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

### RESPONSE

Immediately call poison center or doctor/ physician.

### IF SWALLOWED

Call POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth. Do NOT induce vomiting.

### IF IN EYES

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.

### IF ON SKIN/HAIR

Take off immediately all contaminated clothing. Rinse skin with water/ shower Wash contaminated clothing before reuse

### IF INHALED

Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a poison center or doctor/physician if you feel unwell.

### IF EXPOSED/CONCERNED

Get medical advice/ attention.

### STORAGE

Store locked-up. Keep away from children.

### DISPOSAL

Dispose of contents/container to an approved waste disposal plant.

### HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)

N/A

### OTHER INFORMATION

Harmful to aquatic life with long lasting effects.

### UNKNOWN ACUTE TOXICITY

N/A

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### CHEMICAL NAME

Sodium hypochlorite

### CAS NUMBER

7681-52-9

### WEIGHT - %

10-15

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

## 4. FIRST-AID MEASURES

### DESCRIPTION OF FIRST AID MEASURES

<b>GENERAL ADVICE</b>	Provide this SDS to medical personnel for treatment.
<b>EYE CONTACT</b>	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 or doctor/physician.
<b>SKIN CONTACT</b>	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.
<b>INHALATION</b>	Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call poison center or doctor/ physician.
<b>INGESTION</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Drink 1-2 glasses of water. Immediate medical attention is required.

**\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\***

### POTENTIAL ACUTE HEALTH EFFECTS

*Most important symptoms and effects, both acute and delayed*

**SYMPTOMS** Causes severe skin burns and eye damage

**NOTES TO PHYSICIAN** Treat symptomatically

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA** None known

**SPECIFIC HAZARDS ARISING FROM CHEMICAL** Not determined

### PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

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

## 6. ACCIDENTAL RELEASE MEASURES

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## PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

<b>PERSONAL PRECAUTIONS</b>	Use personal protective equipment as required.
<b>ENVIRONMENTAL PRECAUTIONS</b>	See Section 12 for additional Ecological Information.

## METHODS AND MATERIALS FOR CONTAMINATION AND CLEAN-UP

<b>CONTAMINATION</b>	Prevent further leakage or spillage is safe to do so
<b>CLEAN-UP</b>	Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

<b>PROTECTIVE MEASURES</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink, or smoke when using this product. Use personal protection recommended in Section 8.
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### CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES)

<b>STORAGE CONDITIONS</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.
<b>INCOMPATIBLE MATERIALS</b>	None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**ENGINEERING CONTROLS:** Apply technical measures to comply with the occupational exposure limits.

### INDIVIDUAL PROTECTION MEASURES

<b>EYE/FACE PROTECTION</b>	Refer to 29 CFR 1910.133 for eye and face protection regulations.
<b>SKIN/BODY PROTECTION</b>	Refer to 29 CFR 1910.138 for appropriate skin and body protection.
<b>RESPIRATORY PROTECTION</b>	Refer to 29 CFR 1910.134 for respiratory protection requirements.
<b>GENERAL HYGIENE</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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PHYSICAL STATE	Liquid
APPEARANCE	Clear
COLOR	Bleach
ODOR	Not determined
ODOR THRESHOLD	Not determined
pH	>10
MELTING POINT/FREEZING POINT	Not determined
BOILING POINT/BOILING RANGE	Not determined
FLASH POINT	Not determined
EVAPORATION RATE	Not determined
FLAMMABILITY (SOLID, GAS)	Not determined
UPPER FLAMMABILITY LIMITS	Not determined
LOWER FLAMMABILITY LIMITS	Not determined
VAPOR PRESSURE	Not determined
SPECIFIC GRAVITY	1.20-1.25
RELATIVE DENSITY	Not determined
WATER SOLUBILITY	Not determined
PARTITION COEFFICIENT	Not determined
N-OCTANOL/ WATER	Not determined
AUTO-IGNITION TEMPERATURE	Not determined
DECOMPOSITION TEMPERATURE	Not determined
VISCOSITY	Not determined

## 10. STABILITY AND REACTIVITY

REACTIVITY	Not reactive under normal conditions
CHEMICAL STABILITY	Stable under recommended storage conditions
POSSIBILITY OF HAZARDOUS REACTIONS	None under normal processing
CONDITIONS TO AVOID	Keep out of reach of children
INCOMPATIBLE MATERIALS	None known based on information supplied.
HAZARDOUS DECOMPOSITION PRODUCTS	None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

*Information on likely routes of exposure.*

EYE CONTACT	Avoid contact with eyes.
SKIN CONTACT	Avoid contact with skin.
INHALATION	Do not inhale.
INGESTION	Do not ingest.

## COMPONENT INFORMATION

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CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Sodium hypochlorite 7681-52-9	= 8.91 g/kg ( Rat )	> 10000 mg/kg ( Rabbit )	-

**SYMPTOMS** Please see section 4 of this SDS for symptoms.

**CARCINOGENICITY** Group 3 IARC components are "not classifiable as human carcinogens".

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium hypochlorite 7681-52-9		Group 3		

**NUMERICAL MEASURES OF TOXICITY-PRODUCT** Not determined.

## Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** Causes severe skin burns.

**Serious eye damage/eye irritation** Causes severe eye damage.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY** Very toxic to aquatic life with long lasting effects.

**PERSISTENCE AND DEGRADABILITY** Not determined

**BIOACCUMULATION** Not determined

**MOBILITY** Not determined

**OTHER ADVERSE EFFECTS** Not determined

## 13. DISPOSAL CONSIDERATIONS

### WASTE TREATMENT METHODS

**WASTE DISPOSAL** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**CONTAMINATED PACKAGING** Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## 14. TRANSPORT INFORMATION

**Note:** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

**UN/ ID No** UN1760  
**Proper Shipping Name** Hypochlorite solutions  
**Hazard Class** 8  
**Packing Group** III

### IATA

**UN/ ID No** UN1760  
**Proper Shipping Name** Hypochlorite solutions  
**Hazard Class** 8  
**Packing Group** III

### IMDG

**UN/ ID No** UN1760  
**Proper Shipping Name** Hypochlorite solutions  
**Hazard Class** 8  
**Packing Group** III  
**Marine Pollutant** This material may meet the definition of a marine pollutant.

## 15. REGULATORY INFORMATION

### INTERNATIONAL INVENTORIES

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium hypochlorite	X	X	X	X	X	X	X	X	X	X

### LEGEND

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(B) Inventory
<b>DSL/NDSL</b>	Canadian Domestic Substances List/Non-Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing/Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	Australian Inventory of Chemical Substances

## U.S. FEDERAL REGULATIONS

### CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

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Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hypochlorite 7681-52-9	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

## SARA 313/312 HAZARD CATEGORIES

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

## CLEAN WATER ACT (CWA)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide	100 lb			X

## U.S. STATE REGULATIONS

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

## U.S. STATE RIGHT-TO-KNOW REGULATIONS

CHEMICAL NAME	NEW JERSEY	MASSACHUSETTS	PENNSYLVANIA
Sodium hypochlorite 7681-52-9	X	X	X

## 16. OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not determined	Not determined	Not determined	Not determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not determined	Not determined	Not determined	Not determined

## DISCLAIMER

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**END OF SAFETY DATA SHEET**