

**POLY62004 – ULTRA SHOCK POOL TREATMENT****SECTION 1: IDENTIFICATION****1.1 PRODUCT IDENTIFIER**

Product name Ultra Shock Pool Treatment  
Product number POLY62004 (Gal)  
Brand PolyGuard

**1.4 SUPPLIER'S DETAILS**

Name Highline Aftermarket  
Address 4500 Malone Road  
Memphis TN 38118  
Telephone 901-775-5555  
email sds@highlineaftermarket.com

**1.5 EMERGENCY PHONE NUMBER(S)** CHEM-TEL (800) 255-3924  
24 Hour Assistance

**SECTION 2: HAZARD IDENTIFICATION****General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE****GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**

- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1
- Corrosive to metals, Cat. 1

**2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS****Pictogram**

1. Corrosion

**Signal word****Danger****Hazard statement(s)**

H314 Causes severe skin burns and eye damage  
H290 May be corrosive to metals

**Precautionary statement(s)**

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container to proper receptacle.
P234	Keep only in original container.
P390	Absorb spillage to prevent material-damage.
P406	Store in a corrosive resistant container with a resistant inner liner.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 MIXTURES**

**Components**

**1. Sodium hypochlorite solution (15% Cl<sub>2</sub>)**

Concentration 14 - 17 % (weight)

**2. Water**

Concentration 80 - 95 % (weight)

EC no. 231-791-2

CAS no. 7732-18-5

**3. Sodium hydroxide**

Concentration 0.1 - 4.5 % (weight)

EC no. 215-185-5

CAS no. 1310-73-2

Index no. 011-002-00-6

- Skin corrosion/irritation, Cat. 1A

H314 Causes severe skin burns and eye damage

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**SECTION 4: FIRST-AID MEASURES**

**4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES**

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled	Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	Rinse with plenty of water. Call a doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a doctor if you feel unwell.  Acute and delayed symptoms and effects: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.  Acute and delayed symptoms and effects: Harmful if swallowed. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### **4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

#### **4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY**

Treat symptomatically.

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### **SECTION 5: FIRE-FIGHTING MEASURES**

#### **5.1 SUITABLE EXTINGUISHING MEDIA**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.3 SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **Further information**

Use water spray to cool unopened containers.

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### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use personal protective equipment as described in Section 8. Do not get in eyes, on skin, or on clothing. Ensure adequate ventilation. Evacuate personnel to safe areas.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of the reach of children.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### 1. Sodium hydroxide (CAS: 1310-73-2)

PEL (Inhalation): 2 mg/m<sup>3</sup>; USA (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): (C) 2 mg/m<sup>3</sup>; USA (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): (C) 2 mg/m<sup>3</sup>; USA (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): (C) 2 mg/m<sup>3</sup>; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### 8.2 APPROPRIATE ENGINEERING CONTROLS

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

### 8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Pictograms



**Eye/face protection**

No special protective equipment required for normal use. Safety glasses are recommended for industrial use of if splash hazard .

**Skin protection**

Not required for normal product use.

**Body protection**

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Not required under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal hazards**

No data available.

**Environmental exposure controls**

Do not let product enter drains.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

Appearance/form (physical state, color, etc.)	Liquid
Odor	Pungent Bleach
Odor threshold	No data available.
pH	12-14
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.082-1.275
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

**Other safety information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY****10.1 REACTIVITY**

Contact with incompatible materials. Sources of ignition. Exposure to heat.

**10.2 CHEMICAL STABILITY**

Stable under normal storage conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

No data available.

**10.4 CONDITIONS TO AVOID**

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

**10.5 INCOMPATIBLE MATERIALS**

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as  $AlO_2(-)$ ,  $ZnO_2(-2)$ ,  $SNO_2(-2)$ , and  $H_2$  (or  $H_2O$  with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

No data available.

Water: In the event of fire: see section 5

Sodium hydroxide: Sodium oxides

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**SECTION 11: TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute toxicity**

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Skin corrosion/irritation**

May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Serious eye damage/irritation**

May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Respiratory or skin sensitization**

May cause allergy or asthma symptoms or breathing difficulties if inhaled

**Additional information**

No data available.

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**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

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**SECTION 14: TRANSPORT INFORMATION**

**DOT (US)**

UN Number: 1791

Class: 8

Packing Group: II

Proper Shipping Name: Hypochlorite Solutions

Reportable quantity (RQ): Sodium Hypochlorite, Sodium Hydroxide

Marine pollutant: Sodium Hypochlorite

Poison inhalation hazard:

**IMDG**

UN Number:

Class:

Packing Group:

EMS-No:

Proper Shipping Name:

**IATA**

UN Number:

Class:

Packing Group:

Proper Shipping Name:

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**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION****California Prop. 65 Components**

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

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

**Massachusetts Right To Know Components**

Chemical name: Sodium hypochlorite

CAS number: 7681-52-9

No components are subject to the Massachusetts Right to Know Act.

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

**New Jersey Right To Know Components**

Common name: SODIUM HYPOCHLORITE

CAS number: 7681-52-9

Water

CAS-No. 7732-18-5

Common name: SODIUM HYDROXIDE

CAS number: 1310-73-2

**Pennsylvania Right To Know Components**

Chemical name: Hypochlorous acid, sodium salt

CAS number: 7681-52-9

Water

CAS-No. 7732-18-5

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

**SARA 302 Components**



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

**SARA 311/312 Hazards**

No SARA Hazards

Acute Health Hazard

**SARA 313 Components**

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.

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**SECTION 16: OTHER INFORMATION****16.1 FURTHER INFORMATION/DISCLAIMER**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall [COMPANY NAME] be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if [COMPANY NAME] has been advised of the possibility of such damages.

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