



# HASA HI-TEMP ECO-SAFE SPA ENZYME

## Safety Data Sheet


Emergency 24 Hour Telephone: **CHEMTREC 800.424.9300**

Corporate Headquarters: Hasa Inc.  
P.O. Box 802736  
Santa Clarita, CA 91355  
Telephone • 661.259.5848  
Fax • 661.259.1538

**HASA HI-TEMP ECO-SAFE SPA ENZYME**  
Safety Data Sheet (SDS No. 317)

### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	<b>Product Identification:</b>	
1.1.1	<b>Product Name:</b>	HASA Hi-Temp Eco-Safe Spa Enzyme.
1.1.2	<b>CAS #</b> (Chemical Abstracts Service Registry Number):	Proprietary composition.
1.1.3	<b>RTECS</b> (Registry of Toxic Effects of Chemical Substances):	Not Available.
1.1.4	<b>EINECS</b> (European Inventory of Existing Commercial Substances):	Not Available.
1.1.5	<b>Chemical Name:</b>	Proprietary composition.
1.1.6	<b>Chemical Formula:</b>	Proprietary composition.
1.1.7	<b>Synonym:</b>	Not Available.
1.2	<b>Recommended Uses:</b>	Eliminates Scum / Waterline buildup. Improves Water Clarity. Keeps filter cleaner longer.
1.3	<b>Company Identification:</b>	Hasa Inc. P. O. Box 802736 Santa Clarita, CA 91355
1.4	<b>Emergency Telephone:</b>	<b>CHEMTREC:</b> 1-800-424-9300 (24 hour)
1.5	<b>Non-Emergency Assistance:</b>	661-259-5848 (8 AM – 5 PM PST / PDT)

<b>SECTION 2: HAZARD(S) IDENTIFICATION</b>		
<b>Hazard Category</b>	Skin Corrosion / Irritation:	Category 2
	Eye Damage / Eye Irritation:	Category 2B
	Acute Toxicity - Oral	Category 4
<b>Symbol</b>		
<b>Signal Word</b>	<b>WARNING</b>	
<b>Hazard Statement</b>	Causes eye irritation. Causes skin irritation. Harmful if swallowed.	
<b>Precautionary Statement</b>	<b>Prevention</b>	
	Wash hands thoroughly after handling. Wear protective gloves. Do not eat, drink or smoke when using this product.	
	<b>Response</b>	
	<b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.	
	<b>IF ON SKIN:</b> Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse.	
	<b>IF SWALLOWED:</b> Call a poison center or doctor if you feel unwell. Rinse mouth.	
	<b>If medical advice is needed, have product container or label at hand.</b>	
<b>Storage and Disposal</b>		
Dispose of container/contents in accordance with local, regional, national, international regulations as specified.		

<b>SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS</b>		
Ingredient	CAS No.	Weight %
This product is a proprietary composition "not considered hazardous" under the OSHA Hazard Communication Standard 29 CFR § 1910.1200.		

**SECTION 4: FIRST AID MEASURES**

4.1	<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
4.2	<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
4.3	<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
4.4	<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**SECTION 5: FIRE FIGHTING MEASURES**

5.1	<b>Extinguishing Media:</b>	Water fog or fine spray, carbon dioxide, dry chemical or foam.
5.2	<b>Fire Fighting Protection:</b>	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
5.3	<b>Flash Point:</b>	None.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

6.1	<b>Personal Precautions:</b>	Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.
6.2	<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so.
6.3	<b>Methods for Containment:</b>	Prevent entry into waterways, sewers, basements or confined areas.
6.4	<b>Methods for Cleanup:</b>	Wear appropriate protective equipment and clothing during clean-up.
	6.4.1 <b>Large Spill:</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state and federal regulations.
	6.4.2 <b>Small Spill:</b>	Follow same procedure as above.

**SECTION 7: HANDLING AND STORAGE**

7.1	<b>Handling:</b>	Avoid contact with skin and eyes. Wash hands thoroughly after handling.
7.2	<b>Storage:</b>	Store this product below 120 °F (49 °C), preferably below 75 °F (24 °C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 24 months.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

8.1	<b>General:</b>	Eye wash fountain is recommended.
8.2	<b>Personal Protection:</b>	
	8.2.1 <b>Eyes:</b>	Wear chemical goggles.
	8.2.2 <b>Skin &amp; Body:</b>	Wear suitable protective clothing. Use impervious gloves.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1	<b>Appearance:</b>	Concentrated, biodegradable water treatment solution. Translucent amber liquid.
9.2	<b>Odor:</b>	Mild characteristic.
9.3	<b>Odor Threshold:</b>	No information available.
9.4	<b>pH:</b>	3.8 – 4.2 @ 77 °F (25 °C)
9.5	<b>Melting Point:</b>	Not pertinent.
9.6	<b>Freezing point:</b>	< 32 °F (0 °C)
9.7	<b>Boiling Point &amp; Boiling Range:</b>	> 212 °F (100 °C)
9.8	<b>Flash Point:</b>	No information available.
9.9	<b>Evaporation Rate (N-butyl acetate =1):</b>	<0.01.
9.10	<b>Flammability (solid, gas):</b>	Not flammable.
9.11	<b>Upper / Lower Flammability or Explosive Limits:</b>	No information available.
9.12	<b>Vapor Pressure:</b>	<0.01 mm Hg @ 68 °F (20 °C)
9.13	<b>Vapor Density:</b>	Same as water.
9.14	<b>Relative Density (Specific Gravity):</b>	~1.01 – 1.03 @ 77 °F (25 °C) Or 8.4 – 8.5 lbs. /gallon
9.15	<b>Solubility in Water:</b>	Mixes infinitely with water.
9.16	<b>Partition Coefficient: (n-octanol / water):</b>	No information available.
9.17	<b>Auto-ignition Temperature:</b>	No information available.
9.18	<b>Decomposition Temperature:</b>	No information available.
9.19	<b>Molecular Weight:</b>	Proprietary formulation.
9.20	<b>Viscosity:</b>	No information available.

**SECTION 10: STABILITY AND REACTIVITY**

10.1	<b>Stability:</b>	Stable at normal conditions.
10.2	<b>Incompatible Materials:</b>	Strong oxidizing agents, alkalis.
10.3	<b>Hazardous Decomposition Products:</b>	None known.
10.4	<b>Conditions to avoid:</b>	See Section 7.
10.5	<b>Hazardous Polymerization:</b>	Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

According to the supplier, toxicological data is not available.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Readily biodegradable.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal:**

Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

**Container Disposal:**

Rinse with pool water and place in trash.

**SECTION 14: TRANSPORT INFORMATION**

**US D.O.T.:** Not regulated. Non-hazardous.

**Proper Shipping Description:** NMFC 48580.3 Cleaning/Scouring/Wash Comp Class 55

**SECTION 15: REGULATORY INFORMATION**

**15.1 U.S. Regulations:**

15.1.1	<b>OSHA HAZCOM</b> (Hazard Communication)	This material is not considered hazardous by the HAZCOM Standard (29 <i>CFR</i> § 1910.1200)
15.1.2	<b>OSHA PSM</b> (Process Safety Management)	Not regulated under PSM Standard (29 <i>CFR</i> § 1910.119)
15.1.3	<b>EPA FIFRA</b> (Federal Insecticide, Fungicide and Rodenticide Act)	Not regulated.
15.1.4	<b>EPA TSCA</b> (Toxic Substance Control Act)	All components are listed or exempted. TSCA 12(b): This product is not subject to export notification.
15.1.5	<b>EPA RMP</b> (Risk Management Plan)	Not regulated. (40 <i>CFR</i> § 68.130)


**15.2 State of California Regulations:**

15.2.1	<b>CDPR</b> (California Department of Pesticide Regulation)	Not regulated.
15.2.2	<b>CalARP</b> (California Accidental Release Prevention Program)	Not regulated.

**15.3 Canada Regulations:**

15.3.1	<b>Canada DSL</b> (Domestic Substances List)	All components of this product are on or exempt from the DSL.
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*Note: Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed above should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.*

<b>SECTION 16: OTHER INFORMATION</b>			
16.1	<b>HMIS III</b> (Hazardous Materials Identification System):		
	16.1.1	<b>HEALTH</b>	<b>1</b>
	16.1.2	<b>FLAMMABILITY</b>	<b>0</b>
	16.1.3	<b>PHYSICAL HAZARD</b>	<b>0</b>
	16.1.4	<b>PERSONAL PROTECTION:</b>	Section 8
16.2	<b>NFPA 704</b> (National Fire Protection Association):		
	16.2.1	<b>HEALTH</b>	<b>1</b>
	16.2.2	<b>FLAMMABILITY</b>	<b>0</b>
	16.2.3	<b>REACTIVITY</b>	<b>0</b>
	16.2.4	<b>SPECIAL</b>	
			
16.3	<b>ANSI</b> (American National Standards Institute):		
	16.3.1	<b>Hazardous Industrial Chemicals - Safety Data Sheets-Preparation:</b>	Complies with <b>ANSI Z400.1 – 2004.</b>
	16.3.2	<b>Hazardous Industrial Chemicals - Precautionary Labeling:</b>	Complies with <b>ANSI Z129.1 – 2006.</b>

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