Safe. Clean. Clear.

HASA HI-TEMP SPA FILTER SOAK

Safety Data Sheet

Emergency 24 Hour Telephone: **CHEMTREC 800.424.9300**

Corporate Headquarters: HASA Inc.
25152 Springfield Court, Suite 300
Valencia, CA 91355
Telephone • 661.259.5848
Fax • 661.259.1538

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
1.1	**Product Identification:**		
	1.1.1	**Product Name:**	HASA HI-TEMP SPA FILTER SOAK
	1.1.2	**CAS #** (Chemical Abstracts Service)**:**	Mixture
	1.1.3	**Chemical Name:**	Mixture
	1.1.4	**Chemical Formula:**	Mixture.
1.2	**Recommended Uses:**		This product is used as a spa filter cleaner.
1.3	**Company Identification:**		HASA Inc. 25152 Springfield Court, Suite 300 Valencia, CA 91355
1.4	**Emergency Telephone Number:**		**CHEMTREC** 1-800-424-9300 (24 hour)
1.5	**Non-Emergency Assistance:**		661-259-5848 (8 AM – 5 PM PST / PDT)

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category	Eye Damage/Irritation Skin Corrosion/Irritation Acute Toxicity (oral) Acute Toxicity (inhalation)	Category 2A Category 2 Category 4 Category 4
Symbol		
Signal Word	**WARNING**	
Hazard Statements	Causes serious eye irritation. Causes skin irritation. Harmful if swallowed. Harmful if inhaled.	
Precautionary Statements	**Prevention**	
	Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/mist/vapor/spray. Use only outdoors or in a well-ventilated area.	
	Response	
	If exposed or concerned: Get medical advice/attention. **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 attention. **IF ON SKIN:** Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash it before reuse. **IF SWALLOWED:** Call a Poison Center or doctor if you feel unwell. Rinse mouth. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a Poison Center or doctor if you feel unwell.	
	Storage	
	Disposal	
	Dispose of contents/container in accordance with local / regional / national / international regulations.	

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

3.1	Proprietary formulation*
3.2	*While some substances are claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.

SECTION 4: FIRST AID MEASURES

4.1	**IF IN EYES**	• 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 center or doctor for treatment advice.
4.2	**IF ON SKIN OR CLOTHING**	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
4.3	**IF INHALED**	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
4.4	**IF SWALLOWED**	• Call a poison control center 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 center or doctor. • Do not give anything by mouth to an unconscious person.

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

Treat exposure symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

5.1	**Flash Point:**		Does not flash.
5.2	**Flammable Limits:**		Not applicable.
5.3	**Auto-Ignition Temperature:**		Not applicable.
5.4	**Products of Combustion:**		When heated to dryness and decomposition, it emits toxic carbon monoxide, carbon dioxide, nitrogen oxides, phosphorus oxides and sodium oxide plus dense, irritating smoke.
5.5	**Fire Fighting:**		
	5.5.1	**Extinguishing Media:**	Water, foam. CO_2 or dry chemicals. Use the extinguishing media that is appropriate for the surrounding fire.
	5.5.2	**Fire Fighting Equipment:**	Fire fighters should wear full protective equipment, including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	**Land Spill:**	Wear recommended protective equipment and clothing, dike the spill and pick up the bulk of liquid using pumps or a vacuum truck, or absorb the liquid in sand or a commercial absorbent. Place in approved containers for recovery, disposal, or satellite accumulation. Neutralize the alkalinity, of the remaining liquid, using a dilute acid solution appropriate for neutralizing alkaline liquids. Liberally cover the spill area with sodium bicarbonate. Flush the spill area with water; collect the rinsates for disposal or sewer, as appropriate.
6.2	**Water Spill:**	Wear recommended protective equipment and clothing if contact with hazardous material can occur. Stop or divert water flow. Dike contaminated water and remove for disposal and/or treatment. As appropriate, notify all downstream user of possible contamination.

SECTION 7: HANDLING AND STORAGE

7.1	**Handling:**	• Protect eyes, skin and clothing from contact with this product. Wear recommended Personnel Protective Equipment. • Do not breathe mists or aerosols. • Use with adequate ventilation. • Keep containers tightly closed when not in use. • Wash thoroughly after handling this product.
7.2	**Storage:**	• STORAGE TEMPERATURE: Ambient • STORAGE PRESSURE: Ambient • Store in a cool, dry, well ventilated area away from incompatible materials and products. • This product can be corrosive to aluminum. Do not store this product in aluminum containers or transfer with aluminum equipment.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	**Engineering Controls:**		Use a local or general mechanical exhaust ventilation system capable of maintaining emissions in the work area below the ACGIH-TLV, OSHA-PEL or levels that may cause irritation.
8.2	**Personal Protection:**		
	8.2.1	**Eye:**	Wear chemical goggles (recommended by ANSI Z87.1-1979) unless a full facepiece respirator is worn.
	8.2.2	**Skin:**	Wear neoprene, butyl rubber or natural rubber gloves.
	8.2.3	**Respiratory:**	If use of this product creates mists or aerosols that exceed the ACGIN-TLV, OSHA-PEL or which may cause irritation, wear a NIOSH approved full facepiece or half mask air-purifying cartridge respirator equipped with a good mist / particulate cartridge or supplied air.
	8.2.4	**Other Clothing And Equipment:**	Wear a neoprene, butyl rubber or natural rubber apron when handling this product. An eye wash station and safety shower should be available in the work area.
	8.2.5	**Footwear:**	Wear neoprene, Butyl Rubber or natural rubber boots if contact is likely.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	**Physical State and Appearance:**	Clear, pale to light yellow
9.2	**Odor:**	Slight characteristic
9.3	**Odor Threshold:**	No data available
9.4	**pH:**	9 to 11 (1% solution) 11 to 12 (as is)
9.5	**Boiling Point:**	Greater than 100ºC (212ºF)
9.6	**Melting Point:**	Not applicable.
9.7	**Freezing Point:**	Less than 0ºC (32ºF)
9.8	**Evaporation Rate** (BuAc=1)**:**	No data available.
9.9	**Vapor Pressure:**	No data available.
9.10	**Flash Point:**	Does not flash.
9.11	**Vapor Density** (Air=1):	No data available
9.12	**Specific Gravity** (H_2O=1):	Approximately 1.25 @ 20ºC
9.13	**Density** (lb/gal)**:**	Approximately 10.4
9.14	**Solubility in Water:**	Complete
9.15	**Partition Coefficient: n-octanol / water:**	No data available.
9.16	**Volatility:**	Approximately 57%
9.17	**Molecular Weight:**	Mixture
9.18	**Molecular Formula:**	Mixture
9.19	**VOC Content:**	No data available.
9.20	**Viscosity:**	No data available.

SECTION 10: STABILITY AND REACTIVITY		
10.1	**Stability:**	This product is stable.
10.2	**Conditions to Avoid:**	None known.
10.3	**Incompatible Material:**	Strong oxidizers, strong acids and aluminum. This product can be corrosive to aluminum. Do not store this product in aluminum containers or transfer with aluminum equipment.
10.4	**Hazardous Decomposition Products:**	When heated to dryness and decomposition, it emits toxic oxides of carbon, nitrogen, phosphorus and sodium plus dense irritating smoke.
10.5	**Sensitivity to Mechanical Impact:**	This product is not sensitive to mechanical impact.
10.6	**Sensitivity to Static Discharge:**	This product is not sensitive to static discharge.
10.7	**Hazardous Polymerization:**	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	**Target Organs:**		Eyes, skin, lungs, liver and kidneys.
11.2	**Animal Toxicity:** *(Unformulated raw materials data)*		
	11.2.1	**Oral** (LD_{50}):	17,800 mg/kg (rat) Between 630 to 1,260 mg/kg (rat) 1,100 mg/kg (rat)
	11.2.2	**Dermal** (LD_{50}):	Greater than 15,800 mg/kg (rabbit) Greater than 5,000 mg/kg (rabbit)
	11.2.3	**Inhalation** (LC_{50}):	No data available.
	11.2.4	**Eye Irritation**:	Data of one unformulated raw material: Rabbit: 100 mg/24 hours: moderate
	11.2.5	**Skin Irritation:**	Data of one unformulated raw material: Rabbit: 500 mg/ 24 hours: moderate
11.3	**Medical Conditions Aggravated:**		Skin, respiratory, liver, or kidney disorders.
11.4	**Other Toxicological Data:** *(Unformulated raw materials data)*		
	11.4.1	**Oral** (LD_{50})**:**	Greater than 2,510mg/kg (duck) 330 mg/kg (Intraperitoneal mouse) 681mg/kg (mouse)
11.5	**Mutagenicity:**		Most available data indicates that this product is not mutagenic. The minimal effects reported are likely due to trace metal deficiencies resulting from the chelating property of this product. Data of one unformulated raw material: Mouse morphological transformation: embryo 2 mg/liter.
11.6	**Teratogenicity Information:**		One of the unformulated ingredients has been reported to cause birth defects in laboratory animals only at exaggerated dose levels that were toxic to the mother. These effects are likely associated with Zinc deficiency due to chelating. Exposure having no effect on the mother should have no effect on the fetus. Data of one unformulated raw material: Oral rat TD_{LO}: 8 gm/kg (male 8 weeks prior to mating) post-implantation mortality.
11.7	**Carcinogenic [Cancer Potential] Information:**		
	11.7.1	**IARC** (International Agency for Research on Cancer Monographs, V. 1-100)	This product also contains nitriloacetic acid, trisodium salt. Animal testing has been performed on this substance and it has been listed as an animal carcinogen by IARC. The IARC has listed nitriloacetic acid, trisodium salt as a possible human carcinogen (group 2B). Prolonged and repeated exposure to this product may increase the risk of cancer. The increased risk of cancer depends on the duration and level of exposure. Data of one unformulated raw material: Oral rat TD_{LO}: 70,300 mg/kg/2 years-continuous: liver, kidney, ureter and bladder tumors.

SECTION 12: ECOLOGICAL INFORMATION		
12.1	**Environmental Fate:**	This product is heavier than water and completely soluble in water. This product will affect the pH of water. NO specific environmental fate data is available.
12.2	**Environmental Considerations:**	There is no data available on this product.
12.3	**BOD $_{5\ day}$:** (Biochemical oxygen demand)	0.01 gm/gm
12.4	**COD:** (chemical oxygen demand)	0.25 gm/gm

SECTION 13: DISPOSAL CONSIDERATIONS
Dispose of contents / container in accordance with local / regional / national / international regulations.

SECTION 14: TRANSPORT INFORMATION	
U.S. DOT:	Not regulated.

SECTION 15: REGULATORY INFORMATION

15.1	**U.S. Regulations:**		
	15.1.1	**OSHA HAZCOM** (Hazard Communication)	This material is considered hazardous under the HAZCOM Standard (29 CFR 1910.1200)
	15.1.2	**OSHA PSM** (Process Safety Management)	Not regulated under PSM Standard (29 CFR 1910.119)
	15.1.3	**EPA FIFRA** (Federal Insecticide, Fungicide and Rodenticide Act)	Not regulated under FIFRA standard (40 CFR 152.10)
	15.1.4	**EPA TSCA** (Toxic Substance Control Act)	All components are listed or exempted. (40 CFR 710) TSCA 12(b): This product is not subject to export notification.
	15.1.5	**EPA CERCLA** (Comprehensive Environmental Response, Compensation, and Liability Act)	RQ not listed. (40 CFR 302)
	15.1.6	**EPA RMP** (Risk Management Plan)	Not listed. (40 CFR 68.130)
15.2	**State of California Regulations:**		
	15.2.1	**Prop 65** (Safe Drinking Water and Toxic Enforcement Act of 1986)	Not listed.
	15.2.2	**CDPR** (California Department of Pesticide Regulation)	Not regulated.
	15.2.3	**CalARP** (California Accidental Release Prevention Program)	Not regulated.
15.3	**Canada Regulations:**		
	15.3.1	**WHMIS** (Workplace Hazardous Materials Information System)	Material causing other toxic effects.
	15.3.2	**WHMIS** Class & Division:	D.2A; D.2B
	15.3.3	**DSL** (Domestic Substances List)	All components of this product are on the DSL.

SECTION 16: OTHER INFORMATION

16.1	**HMIS III** (Hazardous Materials Identification System):			
	16.1.1	**HEALTH**		**Not Established.**
	16.1.2	**FLAMMABILITY**		
	16.1.3	**PHYSICAL HAZARD**		
	16.1.4	**PERSONAL PROTECTION**	See Section 8.	
16.2	**NFPA 704** (National Fire Protection Association):			
	16.2.1	**HEALTH**	**2**	
	16.2.2	**FLAMMABILITY**	**1**	
	16.2.3	**INSTABILITY**	**0**	
	16.2.4	**SPECIAL**	**None**	
16.3	**International Fire Code / International Building Code:**		No information.	
16.4	**ANSI** (American National Standards Institute):			
	16.4.1	**Hazardous Industrial Chemicals -** MSDS-Preparation:	Complies with **ANSI Z400.1 – 2004**.	
	16.4.2	**Hazardous Industrial Chemicals -** Precautionary Labeling:	Complies with **ANSI Z129.1 – 2006**.	

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