HASA GYSAR "F" TILE BRITE

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

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
1.1	**Product Identification:**		
	1.1.1	**Product Name:**	Hasa Gysar "F" Tile Brite
	1.1.2	**CAS #:** (Chemical Abstract Service)	Proprietary mixture.
	1.1.3	**RTECS :(**Registry of Toxic Effects of Chemical Substances)	Not available.
	1.1.4	**EINECS:** (European Inventory of Existing Commercial Substances)	Not available.
	1.1.5	**Chemical Name:**	Proprietary mixture.
	1.1.6	**Chemical Formula:**	Proprietary mixture.
	1.1.7	**Synonym:**	Not available.
1.2	**Recommended Use:**		Cleaning agent.
1.3	**Company Identification:**		Hasa Inc. P. O. Box 802736 Santa Clarita, CA 91355
1.4	**Emergency Assistance:**		**CHEMTREC**: 1-800-424-9300 (24 Hour Emergency Telephone)
1.5	**Non-Emergency Assistance**:		(661)-259-5848 (8 AM – 5 PM PST / PDT)

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Category	Eye irritation: Acute Toxicity – Inhalation: Acute Toxicity – Oral:	Category 1 Category 4 Category 4
Symbol	 	
Signal Word	**DANGER**	
Hazard Statements	Causes serious eye damage. Harmful if inhaled. Harmful if swallowed.	
Precautionary Statements	**Prevention**	
	Wash hands thoroughly after handling. Wear eye protection / face protection. Do not eat, drink or smoke when using this product. Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area.	
	Response	
	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. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. **IF SWALLOWED:** Call a poison center/doctor if you feel unwell. Rinse mouth.	
	Disposal	
	Dispose of container/contents in accordance with local, regional, national, international regulations as specified.	

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Weight %
Proprietary mixture.	Proprietary mixture.	Proprietary mixture.

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.

Indication of immediate medical attention and special treatment needed

Maintain adequate ventilation and oxygenation of the patient. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE FIGHTING MEASURES		
5.1	**Extinguishing Media:**	Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Do not use direct water stream. May spread fire. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective.
5.2	**Fire Fighting Procedures:**	Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.
5.3	**Hazardous Combustion Products:**	During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide.
5.4	**Special Protective Equipment for Firefighters:**	Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.
5.5	**Unusual Fire and Explosion Hazards:**	Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

SECTION 6: ACCIDENTAL RELEASE MEASURES		
6.1	**Spill or Release:**	Contain spilled material if possible. Absorb with materials such as: Sand. Dirt. Collect in suitable and properly labeled containers. Do not use water for cleanup. See Section 13, Disposal Considerations, for additional information.
6.2	**Ignition Sources Removal:**	Keep away from sources of ignition.
6.3	**Dust Control:**	Not applicable.
6.4	**Personal Precautions:**	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Keep upwind of spill. Ventilate area of leak or spill. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection. Refer to Section 7, Handling, for additional precautionary measures.
6.5	**Environmental Precautions:**	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, ECOLOGICAL INFORMATION.

SECTION 7: HANDLING AND STORAGE		
7.1	**Handling:**	**General Handling:** Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Do not swallow. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. See Section 8, EXPOSURE CONTROLS AND PERSONAL PROTECTION.
7.2	**Storage:**	No specific requirements. The shelf life given is for unopened containers stored under moderate temperature conditions. (Shelf life: Use within 24 Months)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION			
8.1	**Engineering Controls:**		**Ventilation:** Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.
8.2	**AIHA** (American Industrial Hygiene Association) **WEEL:**		Poly (ethylene oxide): TWA (Time Weighted Average) particulate = 10 mg/m^3.
8.3	**Personal Protection:**		
	8.3.1	**Eye:**	Use chemical goggles.
	8.3.2	**Skin:**	Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.
	8.3.3	**Respiratory:**	Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. In dusty or misty atmospheres, use an approved particulate respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.
	8.3.4	**Hand:**	Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Butyl rubber. Chlorinated polyethylene. Polyethylene. Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). Styrene / butadiene rubber. Viton. Examples of acceptable glove barrier materials include: Natural rubber ("latex"). Neoprene. Nitrile / butadiene rubber ("nitrile" or "NBR"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut / puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions / specifications provided by the glove supplier.
8.4	**Hygiene Measures:**		Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face before smoking or eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES		
9.1	**Physical State and Appearance:**	Yellow Liquid.
9.2	**Odor:**	Mild.
9.3	**Odor Threshold:**	No test data available.
9.4	**pH** (1% solution):	No test data available.
9.5	**Boiling Point:**	>250 ℃ (> 482 ℉) *Calculated* (Decomposes before boiling).
9.6	**Melting Point:**	Not applicable to liquids.
9.7	**Freezing Point:**	3.8 ℃ (38.8 ℉) *Calculated*
9.8	**Evaporation Rate** (BuAc=1)**:**	No test data available.
9.9	**Flammability:**	Not applicable to liquids.
9.10	**Flash Point** (Closed Cup):	247 ℃ (477 ℉) ASTM D93
9.11	**Flash Point** (Open Cup):	282 ℃ (540 ℉) ASTM D92
9.12	**Flammable Limits** (in air)**:**	**Upper:** No test data available. **Lower:** No test data available.
9.13	**Auto-Ignition Temperature:**	No test data available.
9.14	**Vapor Pressure:**	< 0.01 mm Hg @ 20℃ (68℉)
9.15	**Vapor Density** (Air=1):	> 1 (calculated)
9.16	**Specific Gravity** (H_2O=1):	1.057 (20 ℃) *Calculated*
9.17	**Solubility in Water:**	Completely soluble but some compositions may form gels.
9.18	**Partition Coefficient: (log Pow)** (n-octanol / water)	2.1 - 3.4 Calculated.
9.19	**Decomposition Temperature**	No test data available.
9.20	**Kinematic Viscosity:**	237 cSt @ 25 ℃ *Calculated*
9.21	**Volatility:**	No test data available.

SECTION 10: STABILITY AND REACTIVITY		
10.1	**Stability:**	Thermally stable at typical use temperatures.
10.2	**Conditions to Avoid:**	Exposure to elevated temperatures can cause product to decompose.
10.3	**Incompatible Materials:**	Avoid contact with: Strong acids. Strong bases. Strong oxidizers.
10.4	**Thermal Decomposition:**	Decomposition products depend upon temperature, air supply and the presence of other materials.
10.5	**Hazardous Polymerization**	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION			
11.1	**Routes of Entry:**		Eyes, skin, ingestion, dermal absorption.
11.2	**Acute Toxicity** (Typical for this family of materials):		
	11.2.1	**Oral** (LD_{50}):	Rat 960 - 3,980 mg/kg
	11.2.2	**Dermal** (LD_{50}):	Rabbit 2,000 - 2,991 mg/kg
	11.2.3	**Inhalation** (LC_{50}, 4 h)	Aerosol, Rat 1.15 mg/l
	11.2.4	**Serious Eye Damage or Irritation:**	May cause severe eye irritation. May cause severe corneal injury.
	11.2.5	**Skin Corrosion or Irritation:**	Prolonged contact may cause slight skin irritation with local redness.
11.3	**Sensitization** (Typical for this family of materials):		
	11.3.1	**Skin:**	Did not cause allergic skin reactions when tested in humans.
	11.3.2	**Respiratory:**	No relevant information found.
11.4	**Reproductive Toxicity:**		No relevant information found.
11.5	**Specific Target Organ Systemic Toxicity (**Single Exposure**)**		Evaluation of available data suggests that this material is not an STOT-SE toxicant.
11.6	**Specific Target Organ Systemic Toxicity** (Repeated Exposure)		For this family of materials: In animals, effects have been reported on the following organs: Kidney & Liver.
11.7	**Genetic Toxicology** (For this family of materials):		In vitro genetic toxicity studies were negative.
11.8	**Teratogenicity** (Developmental Toxicity for this family of materials)**:**		Has been toxic to the fetus in laboratory animals at doses toxic to the mother. Did not cause birth defects in laboratory animals.
11.9	**Carcinogenicity** (For this family of materials):		Did not cause cancer in laboratory animals.

SECTION 12: ECOLOGICAL INFORMATION		
12.1	**Ecotoxicity:**	Material is moderately toxic to aquatic organisms on an acute basis (LC_{50}/EC_{50} between 1 and 10 mg/L in the most sensitive species tested).
12.2	**Persistence and Degradability:**	Based on stringent OECD test guidelines, this material cannot be considered as readily biodegradable; however, these results do not necessarily mean that the material is not biodegradable under environmental conditions.
12.3	**Chemical Oxygen Demand:**	2.09 - 2.25 mg/mg
12.4	**Theoretical Oxygen Demand:**	2.23 - 2.35 mg/mg
12.5	**Fish Acute & Prolonged Toxicity:** (LC_{50})	Fathead minnow (Pimephales promelas): 3.8 - 6.2 mg/l (96 h)
12.6	**Aquatic Invertebrate Toxicity:** (LC_{50})	Water flea (Daphnia magna): 9.3 - 21.4 mg/l (48 h)
12.7	**Toxicity to Micro-Organisms:** (IC_{50})	Bacteria, Growth inhibition: > 1,000 mg/l (16 h)

SECTION 13: DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION 3: Composition Information on ingredients.
FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

SECTION 14: TRANSPORT INFORMATION

14.1	**US DOT (Non bulk):**		Not regulated.
14.2	**DOT Bulk**		**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonylphenol polyethylene glycol ether) **Hazard Class:** 9 **ID Number:** UN3082 **Packing Group:** PG III
14.3	**Sea Transport IMO** (International Maritime Organization) **IMDG** (International Maritime Dangerous Goods) **Code:**		
	14.3.1	**Proper Shipping Name:**	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S (Nonylphenol Polyethylene Glycol Ether)
	14.3.2	**Hazard Class:**	9
	14.3.3	**ID Number:**	UN 3082
	14.3.4	**Packing Group:**	PG III
	14.3.5	**Marine pollutant:**	Nonylphenol polyethylene glycol ether
	14.3.6	**EMS Number:**	F-A,S-F
14.4	**Air Transport ICAO** (International Civil Aviation Organization) / **IATA** (International Air Transport Association) **– DGR** (Dangerous Goods Regulation):		**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonylphenol polyethylene glycol ether) **Hazard Class:** 9 **ID Number:** UN3082 **Packing Group:** PG III

This information is not intended to convey all specific regulatory or operational requirements / information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

SECTION 15: REGULATORY INFORMATION

15.1	**U.S. Regulations:**		
	15.1.1	**OSHA HAZCOM** (Hazard Communication) **Standard:**	This material is considered hazardous. (29 CFR §1910.1200)
	15.1.2	**OSHA PSM** (Process Safety Management) **Standard:**	Not regulated under PSM (29 CFR §1910.119)
	15.1.3	**SARA Title III** (Superfund Amendments and Reauthorization Act of 1986) **Sections 311 and 312**	Immediate (Acute) Health Hazard Yes Delayed (Chronic) Health Hazard Yes Fire Hazard No Reactive Hazard No Sudden Release of Pressure Hazard No
	15.1.4	**SARA Title III Sections 313:**	To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.
	15.1.5	**EPA FIFRA** (Federal Insecticide, Fungicide and Rodenticide Act):	Not regulated.
	15.1.6	**EPA TSCA** (Toxic Substance Control Act):	All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR §720.30
15.2	**State of California Regulations:**		
	15.2.1	**CDPR** (California Department of Pesticide Regulation):	No regulated.
	15.2.2	**Cal ARP** (California Accidental Release Prevention)**:**	Not regulated.
	15.2.3	**California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act of 1986)	This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.
15.3	**Canada Regulations:**		
	15.3.1	**DSL (Canadian Domestic Substances List):**	All components of this product are on the DSL.
15.4	**International Inventory:**		
	15.4.1	**EINECS** (European Inventory of Existing Commercial Chemical Substances)**:**	This product is a polymer according to the definition in Directive 92/32/EEC (7th Amendment to Directive 67/548/EEC) and all of its starting materials and intentional additives are listed in the EINECS or in compliance with European (EU) chemical inventory requirements.

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**	**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**		
16.3	**International Fire Code / International Building Code:**		Information not available.	
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**.	

Note: The information contained herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge and belief. NO WARRANTY OR GUARANTEE, express or implied, is made regarding the product performance, product stability, or as to any other condition of use, handling, transportation, and storage. Customer use, handling, transportation, and storage may involve additional safety and/or performance considerations. Our technical personnel will be happy to respond to questions regarding safe handling, storage, transportation, and use procedures. The safe handling, storage, transportation, and use procedures remain the sole responsibility of the customer. No suggestions for handling, storage, transportation, or use are intended as or to be construed as recommendations which may infringe on any existing patents or violate any Federal, State, and/or local law and/or regulation, ordinance, standard, etc. This Safety Data Sheet has been prepared by HASA, Inc. staff from test reports and other information available in the public domain.