

Artisan® Grease and Oil Emulsifier

Safety Data Sheet

Section 1. Identification

Product Name: Artisan® Grease & Oil Emulsifier

Recommended use: Remove grease and oil from masonry surfaces

Restrictions on use: Use only as directed

Manufacturer Name: Chemique, Inc.
Address: 315 N. Washington Avenue
Moorestown, NJ 08057
Telephone number: (856) 235-4161

Emergency phone number: (800) 535-5053 (Infotrac)

Date of Preparation: January 8, 2016

Section 2. Hazard(s) Identification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Classification:

Physical	Health
Not Hazardous	Skin Corrosion Category 1C Eye Damage Category 1

Danger!



Hazard statement(s)

Causes severe skin burns and eye damage.

Precautionary statement(s)

Do not breathe mists or sprays.
Wash thoroughly after handling.
Wear protective gloves, protective clothing, eye protection and face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
Immediately call a POISON CENTER or doctor.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a POISON CENTER.

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.
Store locked up.
Dispose of contents and container in accordance with local and national regulations.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Concentration
Tetrasodium EDTA	64-02-8	1-5%
Sodium Hydroxide	1310-73-2	<1%
Sodium Metasilicate	6834-92-0	<1%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First-Aid Measures

Inhalation: Remove victim to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention.

Skin contact: Immediately flush with water for at least 20 minutes, then wash with soap and water until no trace of the chemical remains. Remove contaminated clothing immediately and launder before reuse. Get immediate medical attention.

Eye contact: Immediately flush eyes with water for at least 30 minutes while lifting the upper and lower lids. Get immediate medical attention.

Ingestion: If conscious, rinse mouth with water and give 1 glass of water to dilute. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

Most important symptoms/effects, acute and delayed: Causes eye and skin burns. Permanent damage may occur. Inhalation of mists may cause severe upper respiratory irritation. High concentrations may cause lung damage. Swallowing may cause burns to the mouth, throat and stomach.

Indication of immediate medical attention and special treatment, if necessary: If contact occurs, get immediate medical attention.

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: This product is not flammable but will burn under fire conditions once the water has evaporated. Combustion may produce oxides of carbon, nitrogen and sulfur.

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposure containers with water.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment to prevent eye and skin contact. Evacuate area.

Environmental precautions: Report spill as required by local and federal regulations. Prevent runoff to storm sewers and ditches leading to natural waterways.

Methods and materials for containment and cleaning up: Contain with an inert absorbent. . Neutralize with dilute acetic acid or other weak acid then collect using an inert absorbent material and place in appropriate containers for disposal. Wash spill site with water.

Section 7. Handling and Storage

Precautions for safe handling: Prevent contact with eyes, skin and clothing. Do not breathe mists or spray. Use only with adequate ventilation. Use only with appropriate protective equipment. Immediately remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Store in a cool, well-ventilated area. Protect from physical damage. Store away from acids and other incompatible materials.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Tetrasodium EDTA	None Established
Sodium Hydroxide	2 mg/m ³ TWA OSHA PEL 2 mg/m ³ Ceiling ACGIH TLV
Sodium Metasilicate	None Established

Appropriate engineering controls: For operations where exposures limits are exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protective Equipment:

Respiratory protection: Good general ventilation (equivalent to outdoors) should be adequate under normal conditions. For spray application or areas where the exposure limit is exceeded, a NIOSH approved dust mist respirator with appropriate eye protection should be used. A full facepiece respirator provides both eye and respiratory protection. For higher concentrations, an approved supplied air respirator (with escape bottle if required) or self-contained breathing apparatus may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: Natural rubber, neoprene, nitrile or other impervious gloves are recommended if contact is possible.

Eye protection: Chemical safety goggles and face shield should be worn if contact is possible. .

Other: Impervious apron, boots and other clothing are recommended if needed to prevent contact. Eye wash and safety shower should be available if contact may occur.

Section 9. Physical and Chemical Properties

Appearance: Blue translucent liquid
Odor: Mild, No added fragrances.

Odor threshold: Not available	pH: 11.8
Melting point/freezing point: >32°F / >0°C	Initial boiling point and boiling range: >200°F / 93.3°C
Flash point: Not flammable	Evaporation rate: Same as water
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not available	UEL: Not available
Vapor pressure: Not available	Vapor density (air =1): Same as water
Relative density: 1.018	Solubility(ies): Soluble in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not applicable
Decomposition temperature: Not available	

Section 10. Stability and Reactivity

Reactivity: May react with metals producing flammable gas.
Chemical stability: Stable.
Possibility of hazardous reactions: None known.
Conditions to avoid: None known.
Incompatible materials: Avoid strong oxidizing agents and acids.
Hazardous decomposition products: Thermal decomposition may yield carbon, nitrogen and sulfur oxides.

Section 11. Toxicological Information

Acute effects of exposure:

Inhalation: Mists may cause mucous membrane and upper respiratory tract irritation with coughing, sore throat and difficulty in breathing. High concentrations of mists may cause severe irritation and pulmonary edema.

Skin Contact: May cause severe irritation and burns with redness, pain and tissue destruction. Prolonged or repeated skin contact with diluted solutions or mists may cause dermatitis.

Eye Contact: May cause severe irritation or burns. Permanent damage and blindness may occur.

Ingestion: May cause gastrointestinal burns, vomiting, diarrhea, and shock.

Chronic Effects: None known.

Sensitization: None of the components are sensitizing to animals or humans.

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute toxicity values:

Acute Toxicity Estimate: Oral: 61,728 mg/kg Dermal >2000 mg/kg Inhalation >206 mg/L/4 hr

Tetrasodium EDTA: Oral rat LD50 1780 mg/kg;

Sodium Hydroxide: No toxicity data available

Sodium Metasilicate: Oral rat LD50 1280 mg/kg; Inhalation rat LC50 >2.06 mg/L/4 hr; Dermal rabbit LD50 >5000 mg/kg.

Section 12. Ecological Information

This product may be harmful to aquatic organisms due to change in pH of water where released.

Ecotoxicity values:

Tetrasodium EDTA: 96 hr LC50 *Lepomis macrochirus* 121 mg/L; 24 hr EC50 *daphnia magna* 652 mg/L

Sodium Hydroxide: 48 hr EC50 *Ceriodaphnia* sp 40.4 mg/L

Sodium Metasilicate: 96 hr LC50 *Danio rerio* 210 mg/L

Persistence and degradability: Biodegradation is not applicable to inorganic substances.

Bioaccumulative potential: No data available. Not expected to be bioaccumulative.

Mobility in soil: No data available.

Other adverse effects: None known.

Section 13. Disposal Considerations

Dispose in accordance with all local, state and federal regulations.

Section 14. Transport Information

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Container <1.3 gal Limited Quantity			None
DOT:	UN3266	Corrosive Liquid, Basic, Inorganic, n.o.s. (Sodium Hydroxide, Sodium Metasilicate)	8	PGIII	None
TDG		Container <5 liters Limited Quantities			None
TDG	UN3266	Corrosive Liquid, Basic, Inorganic, n.o.s. (Sodium Hydroxide, Sodium Metasilicate)	8	PGIII	None

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known

Section 15. Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: Spills of this product over the RQ (reportable quantity) must be reported to the National Response Center. The RQ for the product, based on the RQ for Sodium Hydroxide (1% maximum) of 1,000 lbs, is 100,000 lbs. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Acute health

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

California Proposition 65: This product the following chemicals known to the State of California to cause cancer or reproductive toxicity: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Canadian CEPA: All the components of this product are listed on the Canadian DSL.
CPR.

Section 16. Other Information

SDS Revision History: New SDS

Date of preparation: January 8, 2016

Date of last revision: New SDS