

1. Product and Company Identification

Product Code: 584000GAL
Product Name: Empire Stainless Steel Tone
Company Name: Empire Cleaning Supply
11020 Bloomfield Ave
Santa Fe Springs, CA 90670
Phone Number: (323)248-7750

Web site address: <http://empirecleaningsupply.com/>
Emergency Contact: Chem Trec (800)424-9300

Recommended Use: Polish
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Aspiration Toxicity, Category 1
Flammable Liquids, Category 4
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Skin, Category 5
Serious Eye Damage/Eye Irritation, Category 2B



GHS Signal Word: **Danger**

GHS Hazard Phrases: H304 - May be fatal if swallowed and enters airways.
H227 - Combustible liquid.
H333 - May be harmful if inhaled.
H313 - May be harmful in contact with skin.
H320 - Can cause eye irritation.

GHS Precaution Phrases: P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P271 - Use only outdoors or in a well-ventilated area.
P264 - Wash hands thoroughly after handling.
P102 - Keep out of reach of children.

GHS Response Phrases: P301+310 - If swallowed: Immediately call a Poison Center or doctor.
P304+340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+352 - If on skin (or in hair): Wash with plenty of soap and water. P333+313 - If skin irritation or rash occurs, seek medical attention. P331 - Do NOT induce vomiting.

GHS Storage and Disposal Phrases: P501 - Dispose of contents and container according to the local, city, state and federal regulations.
P403+235 - Store in cool/well-ventilated place. P405 - Store locked up.

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Supersedes Revision: 06/18/2018

Potential Health Effects (Acute and Chronic):	Chronic: Prolonged or repeated skin contact may cause defatting and dermatitis.
Inhalation:	May cause respiratory tract irritation. May cause dizziness, headaches and drowsiness.
Skin Contact:	May cause irritation with burning pain, itching and redness. Avoid any skin contact.
Eye Contact:	May cause eye irritation. Avoid any eye contact.
Ingestion:	Aspiration hazard. May cause irritation of the digestive tract. Do not induce vomiting unless directed by a physician. Toxic by ingestion. May cause dizziness, headaches and drowsiness.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
64742-47-8	Hydrotreated light distillate (petroleum)	Proprietary	
8042-47-5	Technical white oil* (regulated as mist only)	Proprietary	

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
In Case of Skin Contact:	In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
In Case of Eye Contact:	In case of contact, immediately flush eyes with plenty of water for a t least 15 minutes. Get medical aid.
In Case of Ingestion:	Potential for aspiration if swallowed. Get medical aid immediately. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	> 320.00 F
Explosive Limits:	LEL: N/A N.E. UEL: N/A N.E.
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use water spray, dry chemical, carbon dioxide, or appropriate foam.
Fire Fighting Instructions:	Combustible liquid. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.
Flammable Properties and Hazards:	No data available.
Hazardous Combustion Products:	No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
 Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Keep away from heat and flame.

Precautions To Be Taken in Storing: Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m3	No data.
8042-47-5	Technical white oil* (regulated as mist only)	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Colorless liquid with citrus fragrance.

pH: NA

Melting Point: NE

Boiling Point: > 450.00 F

Flash Pt: > 320.00 F

Evaporation Rate: NE

Flammability (solid, gas): No data available.

Explosive Limits: LEL: N/A N.E. UEL: N/A N.E.

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

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Specific Gravity (Water = 1): ~ 0.840
Density: ~ 7.00 LB/GA
Bulk density: NP
Solubility in Water: Insoluble
Saturated Vapor Concentration: NE
Octanol/Water Partition Coefficient: No data.
VOC / Volume: 21.0000 G/L
Autoignition Pt: NE
Decomposition Temperature: NE
Viscosity: NP
Particle Size: NP
Heat Value: NP
Corrosion Rate: NP

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: Excessive heat, open flames and sparks. ignition sources.
Incompatibility - Materials To Avoid: Water, strong oxidizers, heat, open flames and sparks.
Hazardous Decomposition or Byproducts: Nitrogen oxides, Carbon monoxide, oxides of sulfur.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: None.

11. Toxicological Information

Toxicological Information: No data available.
Carcinogenicity/Other Information: CAS# 64742-47-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

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LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-47-8	Hydrotreated light distillate (petroleum)	No	No	No
8042-47-5	Technical white oil* (regulated as mist only)	No	No	No

This material meets the EPA Yes No **Acute (immediate) Health Hazard**
'Hazard Categories' defined Yes No **Chronic (delayed) Health Hazard**
for SARA Title III Sections Yes No **Fire Hazard**
311/312 as indicated: Yes No **Sudden Release of Pressure Hazard**
 Yes No **Reactive Hazard**

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64742-47-8	Hydrotreated light distillate (petroleum)	CA PROP.65: No; CA TAC, Title 8: No
8042-47-5	Technical white oil* (regulated as mist only)	CA PROP.65: No; CA TAC, Title 8: No

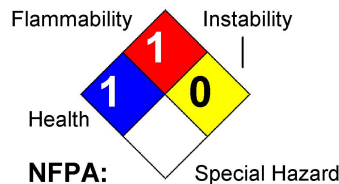
16. Other Information

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Hazard Rating System:

HEALTH		1
FLAMMABILITY		1
PHYSICAL		0
PPE	B	

HMIS:



Additional Information About This Product: No data available.

This Product:

Company Policy or Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.