

Fire Star

Revision: 07/01/2025

Supersedes Revision: 06/14/2019

This SDS complies with the US OSHA HCS 2012.

1. Product and Company Identification

Product Code: 356
Product Name: Fire Star
Company Name: Servpro Professional Cleaning Products,
 LLC.
 801 Industrial Blvd.
 Gallatin, TN 37066 (800)535-5053
Emergency Contact: Infotrac

2. Hazards Identification

Skin Corrosion/Irritation, Category 1A

Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H320 + H318 Causes eye irritation. Causes serious eye damage.
 H335 May cause respiratory irritation

GHS Precautionary Phrases: P262 Do not get in eyes, on skin, or on clothing.
 P261: Avoid breathing dust/fumes/gas/mist/vapors/spray
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/eye protection/face protection.
GHS Response Phrases: P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P311 Call a POISON CENTER or doctor/physician.
 P302 + P350 If on skin: Wash with plenty of water.
 P332 + P313 If skin irritation occurs: Get medical advice/attention.
 P362 Take off contaminated clothing and wash before reuse.
 P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 P315 Get immediate medical advice/attention.

GHS Storage and Disposal Phrases: P235 Keep cool.
 P410 Protect from sunlight.
 P403+233: Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	<=2.0 %
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	<=4.0 %
112-30-1	Decyl alcohol	<=1.0 %
1310-58-3	Potassium hydroxide	<=7.0 %

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68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	<=1.5 %
64-17-5	Ethyl alcohol	<=0.5 %

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:

Inhalation:

If fumes, aerosols or combustion products are inhaled, or if you have trouble breathing, leave the area to obtain fresh air.

Other measures are usually unnecessary.

If continued difficulty is experienced, get medical assistance immediately

In Case of Skin Contact:

If skin contact occurs:

Immediately remove all contaminated clothing, including footwear.

Flush skin and hair with running water (and soap if available).

Seek medical attention if irritation develops or persists.

In Case of Eye Contact:

If this product comes in contact with eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open.

Do not rub eyes.

Remove contact lenses, if present and easy to do. Seek medical attention if removal is not possible.

Seek medical attention if irritation develops or persists.

In Case of Ingestion:

In case of ingestion:

Call a physician or poison control center immediately.

Do not induce vomiting. If vomiting occurs naturally, have the victim lean forward.

If the victim is conscious and alert, immediately give a glass of water.

Possible aspiration hazard.

5. Fire Fighting Measures

Flash Point:

NA Method Used: Estimate

Explosive Limits:

LEL: No data.

UEL: No data.

Autoignition Pt:

NA

Suitable Extinguishing Media:

Suitable Extinguishing Media:

Use dry chemical, dry sand, CO2, water spray (fog) or foam.

Unsuitable Extinguishing Media:

Unsuitable Extinguishing Media:

Do not use water jet. Water may be ineffective.

Fire Fighting Instructions:

Protective Actions:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

No action shall be taken involving any personal risk or without suitable training.

Move containers from the fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Protective Equipment:

Fire-fighters should wear appropriate protective equipment, a self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode, MSHA/NIOSH (approved or equivalent), and appropriate protective gear.

Flammable Properties and Hazards:

No data available.

Hazardous Combustion

No data available.

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Products:

6. Accidental Release Measures

Protective Precautions,
Protective Equipment and
Emergency Procedures:

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak.
Wear appropriate protective equipment and clothing during clean-up. For personal protection, see section 8 of the SDS.
Ventilate closed spaces before entering them.
Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Local authorities should be advised if significant spillages cannot be contained.
Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area).

Environmental Precautions:

Environmental Statement:
Avoid release to the environment.
Do not allow the product to enter waterways, sewers, or soil.
If there is a spill, contain it and clean up immediately.
Waste must be disposed of in accordance with federal, state, and local environmental regulations. Consult your local waste disposal authority for guidance.

Steps To Be Taken In Case
Material Is Released Or
Spilled:

Spills/Leaks:
Do not attempt to act without suitable protective equipment. For further information, refer to section 8.
Dike far ahead to contain the spillage. Cap or cover all drains.
Absorb spills with inert material, such as vermiculite, sand or dry earth, then place materials into a suitable container.
Waste must be disposed of in accordance with federal, state, and local environmental regulations. Consult your local waste disposal authority for guidance.
Avoid runoff into storm sewers and ditches which lead to waterways.
Do not allow entry to septic systems.
Provide adequate ventilation.
A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapor but may not prevent ignition in closed spaces. Use water spray to dilute spill to a non-flammable mixture.
Eliminate all ignition sources (no smoking, flares, or flames in immediate area.)
Use only non-sparking tools and equipment and take measures to avoid static discharge.

7. Handling and Storage

Precautions To Be Taken in
Handling:

HANDLING:
Wear Personal Protective Equipment when handling.
Avoid contact with eyes, nose, mouth, skin and clothing.
Wash skin thoroughly with soap and water, after handling and before eating, drinking or smoking.
Do not allow clothing wet with material to stay in contact with skin.
Remove contaminated clothing and launder before reuse or dispose of properly.
Use only with adequate ventilation. Avoid breathing fumes, vapors, or mist.
Take precautionary measures against static discharges.
Use cautionary measures when transferring or transporting material.
Do not pressurize, cut, weld, braze, solder, drill or grind containers. Do not expose containers to heat, sparks or open flames.

Precautions To Be Taken in
Storing:

STORAGE
Store in a cool, dry, well-ventilated area away from incompatible substances.
Do not store in direct sunlight.
Keep container tightly closed when not in use.

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Keep away from heat, sparks and flames.

Do not store near Acid products.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-02-8	Ethylenediamine tetraacetic acid, tetrasodium salt	No data.	No data.	No data.
68515-73-1	D-Glucopyranose, oligomeric, decyl octyl glycosides	No data.	No data.	No data.
112-30-1	Decyl alcohol	No data.	No data.	No data.
1310-58-3	Potassium hydroxide	No data.	No data.	No data.
68585-34-2	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	No data.	No data.	No data.
64-17-5	Ethyl alcohol	PEL: 1000 ppm	No data.	No data.

**Respiratory Equipment
(Specify Type):**

Respiratory Equipment

Not required under normal conditions of use and with adequate ventilation.

If adequate ventilation is not available, exposure limits are exceeded, or if irritation or other symptoms are experienced, use a NIOSH/MSHA or European Standard EN 149 approved respirator with an organic vapor cartridge

Eye Protection:

Eye Protection

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

Protective Gloves:

Protective Gloves

Wear appropriate chemical resistant gloves. Gloves must be inspected prior to use. Dispose of contaminated gloves after use in accordance with applicable laws.

Other Protective Clothing:

Protective Clothing

Wear appropriate protective clothing to prevent skin exposure.

**Engineering Controls
(Ventilation etc.):**

Engineering Controls

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Facilities storing this material should be equipped with an eyewash facility and a safety shower.

**Work/Hygienic/Maintenance
Practices:**

Work/Hygienic/Maintenance:

Wash thoroughly with soap and water before eating, drinking or smoking.

Remove contaminated clothing immediately and launder before reusing.

**Environmental Exposure
Controls:**

Environmental Statement:

Avoid release to the environment.

Do not allow the product to enter waterways, sewers, or soil.

If there is a spill, contain it and clean up immediately.

Waste must be disposed of in accordance with federal, state, and local environmental regulations. Consult your local waste disposal authority for guidance.

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9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Dark Brown Liquid.		
	Caustic Odor.		
pH:	- 12 - 14		
Melting Point:	360.00 C		
Boiling Point:	1320.00 C		
Flash Point:	NA Estimate		
Evaporation Rate:	No data.		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure:	No data.		
Vapor Density (vs. Air=1):	No data.		
Specific Gravity (Water=1):	No data.		
Density:	2.0440 G/CM3		
Solubility in Water:	No data.		
Saturated Vapor Concentration:	No data.		
Octanol/Water Partition Coefficient:	No data.		
Autoignition Pt:	NA		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

10. Stability and Reactivity

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.		
Stability:	Unstable [☐] Stable [☒]		
Conditions To Avoid - Instability:	No data available.		
Incompatibility - Materials To Avoid:	Acidic Products.		
Hazardous Decomposition or Byproducts:	No data available.		
Possibility of Hazardous Reactions:	Will occur [☐] Will not occur [☒]		
Conditions To Avoid - Hazardous Reactions:	No data available.		

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11. Toxicological Information

Toxicological Information: Likely routes of exposure, inhalation, ingestion, skin contact, and/or eye contact.

Carcinogenicity/Other Information: Carcinogenicity.
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, and OSHA.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Waste must be disposed of in accordance with federal, state, and local environmental regulations. Consult your local waste disposal authority for guidance.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Potassium hydroxide, solution.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN1814

Packing Group: II



LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Potassium hydroxide, solution.

UN Number: UN1814

Packing Group: II

Hazard Class: 8 - CORROSIVE

TDG Classification:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Potassium hydroxide, solution.

UN Number: UN1814

Packing Group: II

Hazard Class: 8 - CORROSIVE

15. Regulatory Information

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16. Other Information

Revision Date: 07/01/2025 **Previous revision:** 06/14/2019

Additional Information About This Product: No data available.

Company Policy or

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of the manufacturer's knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. No warranty or guarantee is given in respect of the properties of the products. However, because the conditions of handling, use, and storage of these materials are beyond the manufacturer's control, the manufacturer assumes no responsibility or liability for personal injury or property damage incurred by the use of these materials or any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.