

SAFETY DATA SHEET

Industrial Cleaner

Page: 1

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Supersedes Revision: 09/07/2018

1. Product and Company Identification

Product Code: 357
Product Name: Industrial Cleaner
Trade Name: SP #357
Company Name: Servpro Professional Cleaning Products,
LLC.
801 Industrial Blvd.
Gallatin, TN 37066 (800)535-5053
Emergency Contact: Infotrac

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Inhalation, Category 4
Serious Eye Damage/Eye Irritation, Category 1



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302 - Harmful if swallowed.
H312 - Harmful in contact with skin.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.

GHS Precautionary Phrases: P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
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.
P310 - Immediately call a POISON CENTER or doctor/physician.
P330 - Rinse mouth.
P332+313 - If skin irritation occurs, get medical advice/attention.
P337+313 - If eye irritation persists, get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to ...

Other Hazards: Causes mild skin irritation.

SAFETY DATA SHEET

Industrial Cleaner

Potential Health Effects (Acute and Chronic):	Hazards not otherwise classified (HNOC) or not covered by GHS. Prolonged or repeated skin contact may cause dermatitis. Chronic: May cause liver and kidney damage. Effects may be delayed.
Inhalation:	Harmful if inhaled. May cause respiratory tract irritation. May cause narcotic effects in high concentration. May cause lung damage. May cause anemia. May cause central nervous system effects such as nausea and headache. Irritation may lead to chemical pneumonitis and pulmonary edema. Causes severe irritation of upper respiratory tract with coughing, burns, breathing difficulty, and possible coma. Causes chemical burns to the respiratory tract.
Skin Contact:	Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation. Skin sensitization testing with human volunteers produced negative results. Causes skin burns. May cause deep, penetrating ulcers of the skin. May cause skin rash (in milder cases), and cold and clammy skin with cyanosis or pale color.
Eye Contact:	Causes eye irritation. Causes redness and pain. Causes eye burns. May cause chemical conjunctivitis and corneal damage.
Ingestion:	Harmful if swallowed. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract. May cause systemic effects.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
111-76-2	Ethanol, 2-Butoxy-	<=5.0 %
1310-73-2	Sodium hydroxide	<=3.0 %
1336-21-6	Ammonium hydroxide	<=2.0 %

4. First Aid Measures

Emergency and First Aid Procedures:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
In Case of Inhalation:	Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical aid. Consult a physician.
In Case of Skin Contact:	Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Wash off with soap and plenty of water.
In Case of Eye Contact:	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
In Case of Ingestion:	Get medical aid immediately. Call a poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Signs and Symptoms Of Exposure:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: 62.00 C Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt: 238.00 C

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical foam. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Do NOT get water inside containers.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible liquid and vapor. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Contact with metals may evolve flammable hydrogen gas. Wear self contained breathing apparatus for fire fighting if necessary.

Flammable Properties and

Hazards:

Hazardous Combustion

Products:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Methods and materials for containment and cleaning up: Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

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. Wear a self contained breathing apparatus and appropriate personal protection. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Wash thoroughly after handling. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Precautions To Be Taken in Storing: Store in a cool, dry place. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from metals. Corrosives area. Keep away from acids. Containers must be tightly closed to prevent the conversion of NaOH to sodium carbonate by the CO₂ in air. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	
1310-73-2	Sodium hydroxide	PEL: 2 mg/m ³	CEIL: 2 mg/m ³	

SAFETY DATA SHEET

Industrial Cleaner

Page: 4

Printed: 06/14/2019

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1336-21-6 Ammonium hydroxide

Respiratory Equipment (Specify Type):	Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
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. Wear chemical splash goggles. Tightly fitting safety goggles. Faceshield (8-inch minimum).
Protective Gloves:	Wear appropriate protective gloves to prevent skin exposure. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Other Protective Clothing:	Wear appropriate protective clothing to prevent skin exposure. Complete suit protecting against chemicals.
Engineering Controls (Ventilation etc.):	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Dark. Clear Amber Liquid ammonia-like.
pH:	- 12 - 14
Melting Point:	-70.00 C - 318.00 C
Boiling Point:	38.00 C - 1390.00 C
Flash Pt:	62.00 C Method Used: Estimate
Evaporation Rate:	
Flammability (solid, gas):	
Explosive Limits:	LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Specific Gravity (Water = 1):	
Density:	~ 1.64 G/ML
Solubility in Water:	

Octanol/Water Partition Coefficient:
Autoignition Pt: 238.00 C
Decomposition Temperature:
Viscosity:

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability:
Incompatibility - Materials To Avoid: Strong oxidizing agents, Aluminum, Metals. acids, leather, Copper, Iron. Zinc.
Hazardous Decomposition or Byproducts: Carbon monoxide, Other decomposition products: No Data Available
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity: See actual entry in RTECS for complete information.
(Ammonium hydroxide)
Reproductive toxicity. Specific target organ toxicity - single exposure: Specific target organ toxicity - repeated exposure: Aspiration hazard:

Irritation or Corrosion: Skin corrosion/irritation. No Data Available

Sensitization: Serious eye damage/eye irritation: Eyes - rabbit - Result: No Data Available

Carcinogenicity/Other Information: California: Not listed.
NTP: Not listed.
IARC: Not listed. CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
IARC: 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. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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

12. Ecological Information

General Ecological Information: Physical: No information found.

Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Mobility in Soil: No Data Available

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

13. Disposal Considerations

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):
TDG 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)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
1310-73-2	Sodium hydroxide	No	Yes 1000 LB	No
1336-21-6	Ammonium hydroxide	No	Yes 1000 LB	No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No
1310-73-2	Sodium hydroxide	CA PROP.65: No
1336-21-6	Ammonium hydroxide	CA PROP.65: No

CAS # Hazardous Components (Chemical Name) International Regulatory Lists

111-76-2	Ethanol, 2-Butoxy-	Canadian DSL: Yes; Canadian NDSL: No
1310-73-2	Sodium hydroxide	Canadian DSL: Yes; Canadian NDSL: No
1336-21-6	Ammonium hydroxide	Canadian DSL: Yes; Canadian NDSL: No

SAFETY DATA SHEET
Industrial Cleaner

16. Other Information

Revision Date: 06/14/2019

Additional Information About
This Product: