

SAFETY DATA SHEET



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Pot and Pan Detergent**

Product Code: 105812-2904

Product Use: Cleaner/Degreaser

Part#: 5267

Not recommended for: Direct contact with food

Generic Names/Synonyms (A.K.A.):

Manufacturer:

1st Ayd Corporation
1325 Gateway Drive
Elgin, IL 60124

For More Information Call: 847-622-0001
(M- F / 8 AM - 4 PM)

24 Hour Emergency: 800-255-3924

2. HAZARDS IDENTIFICATION

GHS Ratings: GHS Classification Scale (1= severe hazard; 4= slight hazard)

Skin corrosive Eye corrosive Reproductive toxin	2 2B 2	Reversible adverse effects in dermal tissue, Draize score: >= 2.3 < 4.0 or persistent inflammation Mild eye irritant: Subcategory 2B, Reversible in 7 days Human or animal evidence possibly with other information
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GHS Hazards

H315+H320 Causes skin and eye irritation
 H361 Suspected of damaging fertility or the unborn child

GHS Precautions

GHS - Precautionary Statement(s) - Prevention

P201 Obtain special instructions before use
 P202 Do not handle until all safety precautions have been read and understood
 P264 Wash exposed skin thoroughly after handling
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P281 Use personal protective equipment as required
 P321 Specific treatment (see SDS on this label)
 P362 Take off contaminated clothing and wash before reuse

GHS - Precautionary Statement(s) - Response

P302+P352 IF ON SKIN: Wash with soap and water
 P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
 P308+P313 IF exposed or concerned: Get medical advice/attention
 P332+P313 If skin irritation occurs: Get medical advice/attention
 P337+P313 Get medical advice/attention

GHS - Precautionary Statement(s) – Storage

P405

Store locked up

GHS - Precautionary Statement(s) - Disposal

P501

Dispose of contents/container in accordance with applicable local, regional, national, and/or international regulations.

Signal Word: Warning

ACCUTE TOXICITY: Corrosive effects. May cause temporary blindness and severe eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium hydroxide 1310-73-2 <1 %	2 mg/m3 TWA	2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling
Trade Secret/Proprietary Blend < 46 %	N/A	N/A	N/A
Water 7732-18-5 Balance %	N/A	N/A	N/A

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret: Per paragraph (i) of 29 CFR 1910.1200, a formulation can be considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may be withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

4. FIRST-AID MEASURES

INHALATION: Treat symptomatically. Move to fresh air. Get medical attention if symptoms persist.

EYE CONTACT: Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

SKIN CONTACT: Wash with soap and water. Get medical attention if symptoms occur.

INGESTION: Seek medical advice.

NOTES TO PHYSICIAN: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS: Not flammable.

Flash Point: N/A

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

UNUSUAL/GENERAL/EXPL. FIRE HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: Under fire conditions toxic fumes should be anticipated.

FIRE FIGHTING: See also Stability and Reactivity section.

FIRE EQUIPMENT: Wear self-contained, approved breathing apparatus and full protective clothing (including eye protection and boots).

6. ACCIDENTAL RELEASE MEASURES

SPILL/LEAK: Follow your companies established procedures for reporting and/or responding to Chemical incidents. No action shall be taken involving any personal risk or without suitable training.

SMALL SPILL: Stop leak if without risk. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dispose of all waste and cleanup materials in accordance with regulations.

LARGE SPILL: No action shall be taken involving any personal risk or without suitable training. Stop leak if without risk. Prevent spillage from entering drains and/or waterways. Absorb in dry sand or earth and place into containers. Any release to the environment may be subject to federal/national or local reporting requirements.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: No special precautions are necessary beyond normal good hygiene practices. See Section 8 of the MSDS for additional personal protection advice when handling this product.

STORAGE: Keep container closed when not in use. Protect from excessive heat and/or freezing.

REGULATORY: Do not store in unlabeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium hydroxide 1310-73-2 ≤1 %	2 mg/m3 TWA	2 mg/m3 Ceiling	NIOSH: 2 mg/m3 Ceiling
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ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

VENTILATION: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

ADMINISTRATIVE CONTROLS: No action shall be taken involving any personal risk or without suitable training and issuance of appropriate personal protective equipment.

PROTECTIVE GEAR:

It is a good industrial hygiene practice to minimize skin and eye contact.

Eye protection: Wear safety goggles if eye contact is possible .

Hand protection: Chemical-resistant, impervious.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved.

CONTAMINATED GEAR: Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

NOTE: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

Appearance: Light Yellow Liquid	Auto-ignition temperature: No Data Available
Decomposition temperature: No Data Available	Viscosity: No Data Available
Grams VOC less water: No Data Available	Odor: Lemon Fragrance
Vapor Pressure: No Data Available	Odor threshold: No Data Available
Vapor Density: No Data Available	pH: ~ 7.5
Specific Gravity: No Data Available	Melting point: No Data Available
Freezing point: No Data Available	Solubility: No Data Available
Boiling range: No Data Available	Flash point: No Data Available
Evaporation rate: No Data Available	Flammability: No Data Available
Explosive Limits: No Data Available	Partition coefficient: No Data Available (n-octanol/water)

10. STABILITY AND REACTIVITY

Product is stable under normal conditions of storage and handling. Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Mixture Toxicity

Oral Toxicity LD50: 3,906mg/kg

Dermal Toxicity LD50: 3,855mg/kg

Component Toxicity

68584-22-5	Benzenesulfonic acid, C10-16-alkyl derivatives Oral LD50: 530 mg/kg (Rat) Dermal LD50: 530 mg/kg (Rat)
1310-73-2	Sodium hydroxide Dermal LD50: 1,350 mg/kg (Rabbit)

Information on likely routes of exposure:

Potential Exists: Inhalation / Ingestion / Skin contact / Eye contact

12. ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials (if known).

Component Eco-toxicity

Dodecylbenzenesulfonic acid	96 Hr LC50 Oncorhynchus mykiss: 10.8 mg/L [static]; 96 Hr LC50 Brachydanio rerio: 3.5 - 10 mg/L [static] 48 Hr EC50 Daphnia magna: 5.88 mg/L 96 Hr EC50 Pseudokirchneriella subcapitata: 29 mg/L
Cocamidopropyl Betaine	96 Hr LC50 Brachydanio rerio: 1.0 - 10.0 mg/L; 96 Hr LC50 Brachydanio rerio: 2 mg/L [semi-static] 48 Hr EC50 Daphnia magna: 6.5 mg/L 72 Hr EC50 Desmodesmus subspicatus: 1.0 - 10.0 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 0.55 mg/L

13. DISPOSAL CONSIDERATIONS

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Always dispose of in accordance with Federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

Important Note: The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation. As shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin / destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

For small quantities packed in combination packaging, exceptions may apply.

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
PHMSA	Not Regulated by U.S. DOT	N/A	N/A	N/A

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

OSHA REGULATORY STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

United States inventory (TSCA): All components are listed or exempted.

DEPARTMENT OF HOMELAND SECURITY (DHS)- Chemical Facility Anti-Terrorism Standards (6 CFR 27):

No components in this material are regulated under DHS

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) - Not regulated.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section

SARA 311/312 Hazards : Acute Health Hazard

SARA 313 Components: The following listed components (if any are listed) are subject to the Supplier Notification Requirement found in 40 CFR 372.45 (c 4); a part of Title III of the Superfund Amendments and Reauthorization Act of 1986. SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed: **Not Listed**

US. EPA CERCLA Hazardous Substances (40 CFR 302) - Not regulated.

The following chemicals are reportable under Pennsylvania Right to Know:
27176-87-0 Dodecylbenzenesulfonic acid

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)

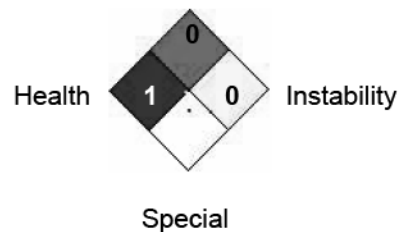
HMIS & NFPA Hazard Rating

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

Legend
 * = Chronic Health Hazard
 0 = INSIGNIFICANT
 1 = SLIGHT
 2 = MODERATE
 3 = HIGH
 4 = EXTREME

National Fire Protection Association (NFPA)

Flammability



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