



**1. Identification of the substance/preparation and company/undertaking.**

**NAME** ADS AquaPucks FOG Treatment **MSDS No** ADS-AP-FOG1

**Synonyms:** Sodium Carbonate Peroxyhydrate,

**Common uses:** Treatment pucks are use by introducing them into Grease Traps, Sewage Lift Stations, Wet Wells, Sewer lines, and POTW s to reduce odors (e.g. H2S, NH3, VFA's), prevent corrosive acid formation (e.g. H2SO4, HNO3) and reduce FOG related backups and damage.

**Supplied by:** **Aqua Dynamic Solutions LLC NERC**  
**211 Collabar Road Crawford, NY 12566** Tel: 845-943-6419 Fax 845-943-6422  
 Emergency No. 845-943 -6419 Emergency No. (24 hours) 845-800-9938

**2. Composition/information on ingredients.**

<b>Contains:</b>	
Sodium Percarbonate	20%
Colloidal Vegetable Protein	5%
Sodium Carbonate	5%
Lyophilized Microbes (Non- Pathogenic Strains)	5%
Surfactant	3%
Sodium Bicarbonate	1%
Binders	3%
Buffers	58%

<b>Hazardous ingredient / impurity</b>	<b>% Conc.</b>	<b>Classification</b>	<b>Exposure</b>	<b>CAS</b>	<b>EINECS</b>
Sodium Percarbonate	25	5.1		15630-89-4	239-707-6
Sodium (C14-16) olefin sulfonate	3			68439-57-6	270-407-8

**3. Hazards identification.**

**Classification:**

Bacterial culture - non pathogenic

**4. First Aid measures.**

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
<b>Inhalation</b>	Prolonged or repeated inhalation of dust, may irritate the respiratory tract	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
<b>Skin Contact</b>	May cause irritation and discomfort	Drench the skin with plenty of water for 15 minutes; use a mild soap if available. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.
<b>Eye Contact</b>	May cause irritation and pain	Remove contact lens and irrigate thoroughly with water for at least 15 minutes. Obtain medical attention.
<b>Ingestion</b>	Irritation of gastrointestinal tract, nausea, diarrhea	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

**Immediate Treatment / Antidote:** symptomatic treatment

**Delayed Effects:** bacterial infection

**5. Fire Fighting measures.**

**Suitable Extinguishers:** water

**Unsuitable Extinguishers:**

**Hazardous Combustion Products:** None Known. Large dust accumulations can be explosive, similar to a grain dust explosion.

**Special Equipment for Fire Fighting:** self contained breathing apparatus

**6. Accidental Release measures.**

**Personal Precautions:** Wear appropriate PPE - See section 8

**Environmental Precautions:** The bacteria and carriers are naturally occurring and should not pose an environmental risk.

**Clean up Procedure:** Vacuum spilled material and place in closed plastic bags for disposal. Wash spill site with water. If bacterial contamination is an issue use chlorine to kill the bacillus spores.

**7. Handling & Storage.**

**Handling Ventilation:** Good general ventilation.

**Recommended procedures & equipment:** avoid creating dust

**Storage** Store in a dry area.

**Keep away from:** See section 10

**Suitable storage Media:** original container with closed lid

**Precautions against static discharge:** NA

**8. Exposure Controls/personal protection.**

**Exposure Limits:** NA

**Personal Protective Equipment:**

**Respiratory:** NIOSH approved dust filter respirator for exposure above permissible exposure limits. Respiratory protection programs must be in accordance with 29 CFR 1910.134

**Hand:** Wash hands after use. Gloves recommended

**Eye:** Safety glasses or goggles recommended.

**Skin:** Wash after exposure. Boots, aprons, or chemical suits should be used when necessary to prevent skin contact. Personal protective clothing and use of equipment must be in accordance with 29 CFR 1910.132 (general requirements), .133 (eye and face protection, and .138 (hand protection).

**Environmental controls:** Users should be aware of environmental considerations and their duties under the environmental protection act.

**Hygiene Measures:** Always wash thoroughly after handling chemicals.

**9. Physical & Chemical Properties.**

<b>Appearance</b>	white with specks
<b>Odor</b>	Slight Musty Odor
<b>pH</b>	8.5 (5% suspension)
<b>Boiling point/range</b>	NA
<b>Melting point/range</b>	NA
<b>Flash point</b>	NA
<b>Specific gravity</b>	NA
<b>Bulk density</b>	Variable
<b>Volume % Volatile</b>	NA
<b>Physical state</b>	Solid Puck
<b>Vapor pressure</b>	None
<b>Heat solution</b>	NA
<b>Solubility in water</b>	Partially Insoluble
<b>Vapor density</b>	Not soluble
<b>Evaporation rate</b>	NA

**10. Stability & Reactivity.**

**Stability:** Keep cool and dry. Pucks effervesces oxygen, upon contact with water.

**Conditions/Materials to avoid:** Avoid storing in moist and damp conditions. Mixing with additives may alter toxicological properties.

**Hazardous decomposition products:** None known

**11. Toxicological Information.**

**Toxicological effects:** Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

**12. Ecological Information.**

**Environmental Effects:** Not Known

**Bioaccumulative potential:** Not Known

**Aquatic Toxicity:** Not Known

**13. Disposal considerations.**

**Substance:** Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

**Container:** As substance.

**14. Transport Information.**

Not regulated for transport

<b>UN number</b>	<b>NA</b>	<b>Class</b>	<b>NA</b>
<b>Primary Hazard</b>	<b>NA</b>	<b>Subsidiary Hazard</b>	<b>NA</b>
<b>Packing Group</b>	<b>NA</b>	<b>Emergency Action Code</b>	<b>NA</b>
<b>H.I. Number</b>	<b>NA</b>	<b>Marine Pollutant</b>	<b>NA</b>
<b>Proper Shipping name</b>	Water treatment compounds, bacterial culture		

**15. Regulatory Information.**

**Label Name** ADS AquaPucks FOG Treatment  
**Symbols** no risk or safety phrases stipulated  
**Risk Phrases** 8 Contact with combustible material may cause fire.  
36/38 Irritating to eyes and skin.

**Safety Phrases**

- 3 Keep in a cool place.
- 8 Keep container dry.
- 17 Keep away from combustible material.
- 24/25 Avoid contact with skin and eyes.
- 26 I in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**E.C. No**

**Additional labeling:**

**Use of this material may be governed by the following regulations:** - (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

**16. Other Information.**

This material must not be used for direct contact with food:

Wash hands thoroughly after handling.

Further details may be available upon request from your local **Aqua Dynamic Solutions LLC** distributor.

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