

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION:

MANUFACTURER/FORMULATOR:
SEASOURCE, INC.
2460 BLAINE AVE.
SALT LAKE CITY, UT 84108

PRODUCT NAME: **DR. Q's STRAIGHT FLUSH**
COMMON NAME: 16-8-8
CHEMICAL TYPE: Blended Chemical Fertilizer

EMERGENCY TELEPHONE NUMBER
CHEMTREC: (800) 424-9300
MANUFACTURER: (801) 581-1222

SECTION 2. COMPOSITION:

	CAS -NUMBER:
Ammonium Sulfate	7783-20-2
Mono-Ammonium Phosphate	7722-76-1
Muriate of Potash	7747-40-7
Iron Oxide	1332-37-2
Zinc Oxide	1314-13-2

SECTION 3. HAZARDS IDENTIFICATION:

Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

Eye Contact: Dust from this product may cause particulate discomfort to eyes.

Skin Absorption: Not normally absorbed through the skin.

Effects of Overdose: Ingestion of large doses may cause diarrhea, nausea, abdominal cramps or formation of methemoglobinemia. Seek medical attention.

SECTION 4. FIRST AID MEASURES:

Ingestion: If large amount is ingested, give 2-3 glasses of water and induce vomiting. Seek medical attention.

Inhalation: Dusty conditions may cause mechanical aggravation to respiratory mucous membranes.

Eyes: Flush eyes with running water for at least 15 minutes. Seek medical attention if condition persists.

Skin: Wash with soap and water. Seek medical attention if condition persists.

Notes to Physician: Consult standard literature. Treatment based on the sound judgement of the physician and the individual reactions of the patient.

SECTION 5. FIRE FIGHTING MEASURES:

Extinguishing Media: Use media suitable to extinguish source of fire.

Special Fire Fighting Procedures: Product is not combustible.

Unusual Fire and Explosion Hazards: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH_3 , SO_x , PO_x , or CN.

SECTION 6. ACCIDENTAL RELEASE MEASURES:

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams and rivers. This product is a fertilizer and may promote algae growth.

Steps to be taken in case material is released or spilled: Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal.

SECTION 7. HANDLING AND STORAGE:

Precautions to be taken in handling and storage: Store in a cool, dry area. Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Keep out of the reach of children.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

Ventilation Protection: Adequate ventilation.
Respiratory Protection: Approved dust respirator when necessary.
Protective Clothing: Normal clean work clothing.
Eye Protection: In dusty conditions, safety glasses with side shields or goggles may be necessary.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

Boiling Point: Not applicable **Solubility in Water:** 60 gm/100 gm H₂O @78 F
Density: 63 lbs / cubic foot **% Volatiles (by volume):** Not applicable.
Flashpoint: 400°F **Vapor Pressure, mm Hg:** Not applicable.
pH: Not listed. **Reaction with water:** None
Appearance: Solid, granular, dark gray, slight acidic odor. **Odor:** Fertilizer salt (light, earthy odor).
Extinguishing Media: Use media suitable to extinguish source of fire.

SECTION 10. STABILITY AND REACTIVITY:

Stability (Normal Conditions): Stable.
Conditions to Avoid: Extremely high temperatures.
Incompatibility (Material to Avoid): Prolonged contact may cause oxidation of unprotected metals.
Hazardous Decomposition Products: During extremely high temperature fire conditions, the product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Not applicable.

SECTION 11. TOXICOLOGY INFORMATION:

	ORAL LD50 (rat)	Dermal LD50 (rat)	Aquatic
Monoammonium Phosphate	>2000 mg/kg	>5000 mg/kg	none listed
Ammonium Sulfate	640-4250 mg/kg	>2000 mg/kg	>27.0 mg/total NH ₃ /L
Potassium Chloride	1500-2600 mg/kg	none listed	none listed

All toxicity data from TFI Product Testing Results.

SECTION 12. ECOLOGICAL INFORMATION:

None listed.

SECTION 13. DISPOSAL CONSIDERATIONS:

Waste Disposal Procedures: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural and soil management.

SECTION 14. TRANSPORT INFORMATION:

Shipping name:	Not regulated by D.O.T.	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	None
Reportable Quantity (RQ):	None	Haz Waste No:	None
Labels Required:	None	EPA Regist No:	None
Placard:	None		

SECTION 15. REGULATORY INFORMATION:

Carcinogenicity:
By IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the 302 list of SARA reportable quantities.

Always read and follow label directions.

All information, recommendations and suggestions appearing herein concerning our products are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product; nor do we assume any liability arising out of use by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.