

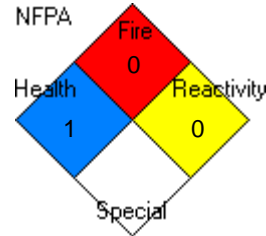
# MSDS - Material Safety Data Sheet

**Product Name:** Grip Liquid Laundry Detergent

**MSDS No.:** 160

## I. Basic Information:

**Manufacturer:** Lanco Chemical  
**Address:** Box 473  
**City, ST Zip:** Mansfield, OH 44901



**Last Update:**

**Chemical State:**  Liquid  Gas  Solid

**Chemical Type:**  Pure  Mixture

1	Health
0	Flammability
0	Reactivity
	Pers. Protection

## II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
33333	Anionic detergent	to 15%							
26027383	Nonionic Detergent	to 15%							
0	Sodium silicate	to 15%							
0	Sodium tripolyphosphate	to 15%							
7732185	Water	to 100%							

## III. Hazardous Identification:

**Hazard Category:**

Acute  Chronic  Fire  Pressure  Reactive

**Hazardous Identification Information:**

Blue, fragrant liquid. May cause eye irritation.

Potential Health Effects-Eyes-May cause eye irritation. Symptoms may include redness.

Skin-May cause skin irritation. Symptoms may include redness.

Ingestion-May cause mouth, throat, and stomach irritation. Symptoms may include nausea, vomiting, and diarrhea.

Inhalation-High concentrations of vapor may cause throat and respiratory tract irritation.

## IV. First Aid Measures:

**Route(s) of Entry:**

Eyes, Inhalation, Skin Contact, Ingestion.

**Health Hazards (Acute and Chronic):**

Eyes-May cause irritation. Symptoms include redness.

Inhalation-High concentrations of vapors may cause nose, throat, and respiratory tract irritation.

Skin Contact-May cause irritation. Symptoms include redness.

Ingestion-May cause mouth, throat, and stomach irritation. Symptoms may include nausea, vomiting, and diarrhea.

**Signs and Symptoms:**

Eyes-Irritation & redness.

Skin-Irritation & redness.

Ingestion-Mouth, throat, and stomach irritation.

Inhalation-Nose, throat, and respiratory tract irritation.

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### Medical Conditions Generally Aggravated by Exposure:

None known.

### Emergency and First Aid Procedures:

Eyes-Flush eyes with plenty of water. If irritation persists, seek medical attention.

Skin-Flush with water. Remove exposed clothing. If irritation persists, seek medical attention.

Ingestion-Do not induce vomiting. Drink large quantities of waters. Get immediate medical attention.

Inhalation-Remove to fresh air. If breathing is difficult get medical attention.

### Other Health Warnings:

None known.

## V. Fire Fighting Measures:

Flash Point: >200 F

Lower Explosive Limit: NA

Upper Explosive Limit: NA

Fire Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

### Special Fire Fighting Procedures:

This product is non-flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus and full protective gear should be worn.

### Unusual Fire and Explosion:

None known.

## VI. Accidental Release Measures:

### Steps to be Taken in Case Material is Released or Spilled:

Contain and isolate spill. Absorb with mop, absorbent material, or wet vac. Floors may be slippery and care should be used to avoid falling.

## VII. Handling and Storage:

### Precautions to be Taken:

Follow label use directions. Do not mix with other chemicals. Avoid contact with eyes. Keep out of reach of children.

### Other Precautions:

Keep container closed when not in use.

## VIII. Exposure Controls/Personal Protection:

### Ventilation Requirements:

Normal workroom ventilation is sufficient.

### Personal Protective Equipment:

None needed but if eye contact is a possibility, safety glasses can be used.



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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originated from the company or not. Recipients are advised to confirm, in advance of their needs, that the information is current, applicable and suitable to their circumstances.