

Safety Data Sheet

Hy-Flo Equipment Co.
PO Box 22
Pittsburg, Kansas 66762
(800) 421-4018

Section 1. Chemical Product and Company Identification

Product Name Flamingo NF
Product Use Alkaline powder cleaner
Product Code 3481-f-b40
Date of Issue 8/18/15
Supersedes -

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

WARNING



Acute Toxicity Oral and inhalation
Skin Corrosion/Irritation
Serious eye damage/ eye irritation

Category 4
Category 2
Category 2A

Precautionary Statements:

P220 Keep away from strong acids
P233 Keep container tightly closed
P264 Wash hands thoroughly after handling
P281 Use personal protective equipment as required

Hazard Statements:

H303 Maybe harmful if swallowed
H315 Causes skin irritation
H320 Causes eye irritation
H335 May cause respiratory irritation

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes Will cause irritation or eye damage depending on duration of contact
Skin Prolonged or repeated contact may cause irritation and drying of skin
Inhalation Can cause irritation to the nose and throat
Ingestion Nausea, vomiting, and possible damage to mucous membranes

Section 3. Composition/Information on Ingredients

<u>Name of Hazardous Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>
Sodium Carbonate	497-19-8	<20
Sodium Metasilicate Pentahydrate	6834-92-0	<25
Sodium Tripolyphosphate	7758-29-4	<45
Sodium Sulfate Anhydrous	7757-82-6	<10

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water for 15 minutes. Seek medical attention.
Skin Contact If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation persists.
Inhalation Remove to fresh air.
Ingestion Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
 (estimated rating)



Hazardous Combustion Products N/A
Extinguishing Media Media applicable to surrounding fire
Unsuitable Extinguishing Media N/A
Fire Fighting Procedures Wear protective gear. Use water spray to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up Wear appropriate eye protection and bodily protection to reduce exposure. All spilled material must be contained and kept out of waterways, sewers and drains. The spilled powder should be vacuumed up and kept in appropriate container. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Store away from strong acids. Keep out of the reach of children. Prevent moisture from entering container. Must be tightly sealed to prevent caking.

Section 8. Exposure Controls/Personal Protection**Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
None				

Engineering Controls Local exhaust is normally adequate. Use mechanical ventilation if build-up of mist or vapors is likely.

**Personal Protective Equipment (PPE)**

Eyes Chemical splash goggles or face shield
Body Rubber or neoprene gloves
Respiratory Use a dust mask if handling large quantities of product

Section 9. Physical and Chemical Properties

Physical State	Powder	Explosive Limits	N/A
Color	Dark Pink	Vapor Pressure	N/A
Odor	Slight cherry odor	Vapor Density	N/A
Odor Threshold	N/A	Relative Density	N/A
pH 1% aqueous	12.5	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A

Boiling Point	N/A	Auto-Ignition Temp.	N/A
Flash Point	Not combustible	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	Non-Flammable	Specific Gravity	N/A

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Strong acids
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None
Conditions to Avoid	May be corrosive to some soft metals such as aluminum. Contains Sodium Metasilicate.

Section 11. Toxicological Information

Routes of Entry	Dermal, Oral and Inhalation
Symptoms	Irritation
Skin Irritant	Yes
Eye Irritant	Yes
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	None
Reproductive Toxicity	No information found
Target Organs	None

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	4,896mg/kg	ATE determined practically non-toxic
Oral	1,480mg/kg	ATE determined Category 4
Inhalation	2.19mg/l	ATE determined Category 4

Section 12. Ecological Information

Environmental Effects No ecological information available.

Section 13. Disposal Considerations

Waste Information Dispose of in accordance with all Federal, State and Local pollution control regulations.

Section 14. Transportation Information

Regulatory	UN number	Proper Shipping	Classes	Packaging Group	Label Code
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Information		Name			
DOT Classification	Not regulated				

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313: None

The following substances have CERCLA reportable quantity values (in pounds):

State Regulations	None	Sodium Tripolyphosphate	7758-29-4	5,000
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Section 16. Other Information

Last Revision 8/18/15

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.