

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name Flootation Fluid

Product Name: Flootation Fluid 1.1
Brand: PARASIGHT SYSTEM, INC

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Veterinary diagnostics

1.3 Details of the supplier of the safety data sheet

Company: PARASIGHT SYSTEM, INC.
 1532 N LIMESTONE #2135
 LEXINGTON, KY 40505

Email: info@parasightsystem.com
Telephone: (859) 303-4055
URL: <https://www.parasightsystem.com/msds>

1.4 Emergency telephone number

Emergency Phone # : (859) 303-4055

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

<u>Ingredient</u>	<u>CAS#</u>	<u>PEL/TLV</u>	<u>Percent</u>
Sodium Nitrate	7631-99-4	N/E	13.8
Water	7732-18-5	NA	86.2

No ingredients are hazardous according to OSHA criteria.
No components need to be disclosed according to the applicable regulations.

The hazard communication standard requires that such mixtures be assumed to present the same health hazard as do components that constitute as least 1% of the mixture (0.1% for carcinogens) although OSHA has noted that the hazards of individual components may be altered by including them in a mixture. Some of the ingredients of this mixture are a trade secret. NE = not established.

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. In case of skin contact Wash off with soap and plenty of water.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Steps To Be Taken In Case Of Large Amount Of Material Is Released Or Spilled:

Spills should be contained, solidified and placed in suitable containers for disposal in a RCRA licensed facility.

This material is RCRA hazardous due to its properties.

6.5 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: 2 - 8 °C

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

See section 13.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Boiling Point:	NE
Specific Gravity:	1.1
Solubility in Water:	Very soluble
Appearance & Odor:	Clear odorless solution

9.2 Fire & Explosion Data

Flash Point (Method):	N/A
Estimated Flammable Limits in Air:	N/A
Extinguishing Media:	Use water fog extinguishing method. Use flooding amounts of water in early stages of fire.
Special Fire Fighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear.
Unusual Fire & Explosion Hazards:	None

9.3 Other safety information

No data available

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Solutions are oxidized by air. Heat and acids will cause release of Nox.
Incompatibility:	Reducing materials, cyanides, organic matter, sulfites and meta-bisulfites.
Hazardous Decomposition Byproducts:	NOx.
Hazardous Polymerization:	Will not occur.

TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Effects Of Overexposure

Eyes: Causes eye irritation.

Skin: Causes skin irritation.

Inhalation: Causes irritation to mucous membranes.

Ingestion: Ingestion of large amounts may cause methemoglobin formation, headaches, nausea, vomiting and abdominal distress.

12. ECOLOGICAL INFORMATION

12.1	Toxicity	No data available
12.2	Persistence and degradability	No data available
12.3	Persistence and degradability	No data available
12.4	Bioaccumulative potential	No data available
12.5	Mobility in soil	No data available
12.6	Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.7	Other adverse effects	No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Waste Disposal Method:

Incinerate or bury in a RCRA licensed facility. Do not discharge into waterways or sewer systems without proper authority. Empty containers with less than 1 inch of residue may be landfilled at a licensed facility. Recommend crushing or other means to prevent unauthorized reuse. Other containers must be disposed of in a RCRA licensed facility

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

16. OTHER INFORMATION

HMIS Rating

Health hazard: 0

Chronic Health Hazard:

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 0

Fire Hazard: 0

Reactivity Hazard: 0

Special precautions to be taken in handling & storing:

Keep containers closed tightly.

Other precautions:

Wash/shower after handling. Remove contaminated clothing and wash before reuse.

Copyright 2023 PARASIGHT SYSTEM, INC. License granted to make unlimited paper copies for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. PARASIGHT SYSTEM, INC. and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Information

PARASIGHT SYSTEM, INC.

Product Safety – Americas Region

info@parasightsystem.com

(859) 303-4055

Version: 1.0

Revision Date: 12/04/2023

Print Date: 12/04/2023