

SECTION 1: IDENTIFICATION	
1.1 Product identifier	
Product name:	Faecal Flotation Solution
Synonyms:	Not Available
Proper Shipping name:	Not Available
Other means of identification:	None
1.2 Relevant identified uses of the substances or mixture and uses advised against	
Recommended uses:	To facilitate flotation of worm eggs for detection in dog faeces.
Uses advised against:	None
1.3 Details of the supplier of the substance or mixture	
Registered company name:	Apex Laboratories Pty Ltd
Address:	Apex Laboratories Pty Ltd ACN 614 716 700 2 Cal Close Somersby NSW 2250
Telephone:	1300 015 825 (Business hours: 08:30 – 17:30)
Fax:	+61 2 4372 1668
Email:	thetvet@apexlabs.com.au
Website:	www.apexlabs.com.au
1.4 Emergency Telephone Numbers	
	13 11 26 (Poisons Information Centre)
SECTION 2: HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture	
GHS classification(s):	Oxidising liquid – Category 3 Acute toxicity (oral) – Category 5
2.2 Label Elements	
Signal Word:	WARNING
Hazard Statement(s)	
H272	May intensify fire; oxidiser
Additional Statement(s)	
None	

Precautionary Statement(s) Prevention:	
P210	Keep away from heat
P220	Store away from combustible materials
P221	Take any precaution to avoid mixing with combustibles
P280	Wear protective gloves
Precautionary Statement(s) Response:	
P370 + P378	In case of fire: use appropriate media for extinction
Precautionary Statement(s) Storage:	
P220	Store away from combustible materials
Precautionary Statement(s) Disposal:	
P501	Dispose of contents/packaging according to local regulations
2.3 Other Hazard Information	
N/a	

SECTION 3: INFORMATION ON THE INGREDIENTS			
3.1 Substances			
See section below for composition of mixtures			
3.2 Mixtures			
Ingredient	CAS No	EC Number	Content
Sodium nitrate	7631-99-4	N/a	40-60%
Other non-hazardous ingredients	N/a	N/a	To 100%
SECTION 4: FIRST AID MEASURES			
4.1 Description of first aid measures			
Eye contact:	In case of accidental contact of the product with the eyes rinse abundantly with fresh water, removing any contact lenses. Seek medical attention if irritation persists, showing the package leaflet or the label to the medical practitioner.		
Skin contact:	In case of accidental contact of the product with the skin rinse abundantly with fresh water. Seek medical attention if irritation persists, showing the package leaflet or the label to the medical practitioner.		

Inhalation:	Generally not required due to the nature and packaging of the product. If concerned, remove to fresh air and seek medical advice if irritation occurs.
Ingestion:	If swallowed, contact a Poisons Information Centre or doctor. Do not induce vomiting.
4.2 Most important symptoms and effects, both acute and delayed	
See Section 11	
4.3 Indication of immediate medical attention and special treatment needed	
Treat symptomatically.	
SECTION 5: FIRE FIGHTING MEASURES	
5.1 Extinguishing media	
Suitable:	Dry agent, water fog, mist or spray, carbon dioxide. As appropriate for surrounding area.
Unsuitable:	None.
5.2 Special hazards arising from the substance or mixture	
Fire incompatibility:	Oxidising agent - supports combustion. May evolve toxic gases when heated to decomposition. May ignite in contact with incompatible materials.
5.3 Special protective actions for fire-fighters:	
Firefighting:	Alert Fire Brigade and tell them location and nature of hazard. Cool containers with water spray. Wear full breathing apparatus and self-contained breathing apparatus.
Fire / explosion hazard:	Oxidising agent - supports combustion. May evolve toxic gases when heated to decomposition. May ignite in contact with incompatible materials.
Hazchem code:	2Y
SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
For information on protective equipment, see section 8.	
6.2 Environmental Precautions	
Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/surface or ground water.	
6.3 Methods and material for containment and cleaning up	

Minor Spills:	Spillage of the product is unlikely to be serious. However, avoid contact with skin and eyes.
Major Spills:	For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems. Contain spillage, then cover/absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Control personal contact with the substance, by using protective equipment. Avoid contact with skin and eyes. Collect spillage into clean, dry, labelled containers and dispose after consulting appropriate authorities.
SECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	
Safe Handling:	Wear suitable protective gloves and clothing when handling the product, keeping exposure to the product to a minimum. Wash hands after handling the product. Prohibit eating, drinking and smoking in storage and handling areas. Observe manufacturer's storage and handling recommendations.
Other Information:	Keep out of the reach and sight of children.
7.2 Conditions for safe storage, including any incompatibilities	
Suitable Container:	Store in a cool, dry, well-ventilated area, removed from incompatible substances, heat or ignition sources.
Storage incompatibility:	Combustible materials.
7.3 Specific end uses	
Not available	

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION	
8.1 Control parameters	
OCCUPATIONAL EXPOSURE LIMITS (OEL)	
INGREDIENT DATA:	
None established.	
EMERGENCY LIMITS:	
None established.	
8.2 Exposure controls	
Appropriate engineering controls:	The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the particular risk.
Personal protection:	Not required when product used as directed.
Eye and face protection:	No special equipment needed when handling small quantities. OTHERWISE: Safety glasses with side shields / chemical goggles
Skin protection:	See hand protection below
Hands/ feet protection:	Not required when product used as directed. Otherwise, wear PVC or rubber gloves.
Body protection:	Wear appropriate clothing
Other protection:	No special equipment needed when handling small quantities
Thermal hazards:	Not applicable
Respiratory protection:	Not required under normal conditions of use.
8.3 Environmental exposure controls	
See Section 12	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Clear
Physical state: Liquid
Odour: None
Odour Threshold: Not available
pH (as supplied): Not available
Melting point / freezing point (degrees C): Not available
Initial boiling point and boiling range: Not available
Flash Point: Not relevant
Evaporation rate: Not available
Flammability: Not flammable
Upper/lower flammability or explosive limits: Not relevant
Vapour pressure: Not available
Relative Density (at degrees C): Not available
Specific gravity/density: Not available
Solubility in water and solvents (mg/l): Soluble
Vapour density: Not available
Auto ignition temperature (degrees C): Not available
Decomposition temperature (degrees C): Not available
Viscosity: (degrees C): Not available
Explosive properties: Not available
Oxidising properties: Oxidising liquid
Partition Coefficient: Not available
Molecular weight: Not available
Taste: Not available
Surface tension: Not available
Volative component: Not available
Gas group: Not available
pH as a solution: Not available
VOC g/L: Not available


9.2 Other information
 Not Available

SECTION 10: REACTIVITY AND STABILITY

10.1 Reactivity:	May intensify fire; oxidizer.
10.2 Chemical stability:	Product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
10.3 Possibility of hazardous reactions:	Stable under normal temperatures and conditions.
10.4 Conditions to avoid:	Avoid heat, sparks, open flames and other ignition sources.
10.5 Incompatible materials:	Oxidising agent. May form toxic N-nitrosamines (suspected carcinogens) when mixed with amines and acids. Incompatible with acids (e.g. phthalic acid), metallic salts, amines, organics and reducing agents (e.g. disulphides).

10.6 Hazardous decomposition:	May evolve toxic gases when heated to decomposition.	
SECTION 11: TOXICOLOGICAL INFORMATION		
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126		
Inhalation:	Not normally a hazard due to non-volatile nature of the product.	
Ingestion:	Ingestion of large quantities may result in nausea, vomiting, abdominal pain and diarrhoea.	
Skin contact:	Skin contact is not thought to produce harmful health effects.	
Eye contact:	May cause eye irritation.	
Chronic:	Long-term exposure to the product is not thought to produce chronic effects adverse to health.	
Sodium nitrate:	Acute toxicity	
	Oral (rat) LD ₅₀ : 1276 mg/kg	
Skin corrosion/irritation:		
Unlikely to cause skin irritation.		
Serious eye damage/irritation:		
May cause eye irritation.		
Respiratory or skin sensitization:		
Unlikely to cause respiratory or skin sensitisation.		
Germ cell mutagenicity:		
Not expected to be mutagenic.		
Carcinogenicity:		
Not expected to be carcinogenic.		
Reproductive toxicity:		
Not expected to be a reproductive toxicant		
STOT – single exposure:		
Not available		
STOT–repeated exposure:		
Not available		
Aspiration hazard:		

Not available	
SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	
No data available	
12.2 Persistence and degradability	
No data available	
12.3 Bioaccumulative potential	
No data available	
12.4 Mobility in Soil	
No data available	
12.5 Other adverse effects	
Not Available	
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods	
Product / packaging disposal:	<p>Empty containers may be recycled or sent to a commercial waste disposal site. Unused product should be suitable for landfill; however, contact the relevant local Waste Disposal Authority.</p> <p>Any unused veterinary medicinal product or waste material derived from such veterinary medicinal products should be disposed of in accordance with national requirements.</p> <p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.</p>
Waste Treatment Options:	Do not dispose into sewers or waterways
Sewage Disposal Options:	Do not dispose into sewers or waterways

SECTION 14: TRANSPORT INFORMATION		
Labels required:		
Marine pollutant:	NO	
Hazchem:	2Y	
Land transport (ADG):		
14.1 UN Number	3139	
14.2 UN Proper Shipping Name	OXIDISING LIQUID, N.O.S. (Sodium nitrate solution)	
14.3 Transport hazard class(es)	Class	5.1
	Sub risk	N/a
14.4 Packing group	III	
14.5 Environmental hazards	N/a	
Air transport (IATA / ICAO):		
14.1 UN Number	3139	
14.2 UN Proper Shipping Name	OXIDISING LIQUID, N.O.S. (Sodium nitrate solution)	
14.3 Transport hazard class(es)	ICAO/IATA Class	5.1
	ICAO / IATA Sub risk	N/a
	ERG Code	N/a
14.4 Packing group	III	
14.5 Environmental hazards	N/a	
Sea transport (IMDG / IMO):		
14.1 UN Number	3139	
14.2 UN Proper Shipping Name	OXIDISING LIQUID, N.O.S. (Sodium nitrate solution)	
14.3 Transport hazard class(es)	IMDG Class	5.1
	IMDG Sub risk	N/a
14.4 Packing group	III	

14.5 Environmental hazards	N/a
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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

Australian Pesticides & Veterinary Medicines Authority (APVMA) Approval No.: NA

Poison Schedule	Not scheduled according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Classifications	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
Hazard codes	H272: May intensify fire; oxidiser
Risk phrases	R8: Contact with combustible material may cause fire.
Safety phrases	S17: Keep away from combustible material.
Inventory listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.

SECTION 16: OTHER INFORMATION

WORKPLACE CONTROLS AND PRACTICES:

Unless a less toxic chemical can be substituted for a hazardous substance, ENGINEERING CONTROLS are the most effective way of reducing exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Isolating operations can also reduce exposure. Using respirators or protective equipment is less effective than the controls mentioned above, but is sometimes necessary.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS:

ACGIH: American Conference of Governmental Industrial Hygienists

CAS #: Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS: Central Nervous System

EC No.: EC No - European Community Number

EMS: Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)

GHS: Globally Harmonized System

GTEPG: Group Text Emergency Procedure Guide

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration, 50% / Median Lethal Concentration

LD50: Lethal Dose, 50% / Median Lethal Dose

mg/m³: Milligrams per Cubic Metre

OEL: Occupational Exposure Limit

pH: relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

ppm: Parts Per Million

STEL: Short-Term Exposure Limit

STOT-RE: Specific target organ toxicity (repeated exposure)

STOT-SE: Specific target organ toxicity (single exposure)

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons

SWA: Safe Work Australia

TLV: Threshold Limit Value

TWA: Time Weighted Average

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled and used in the workplace. Apex Laboratories Pty Ltd make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product").

The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability prior to use of the product.

The physical data shown herein are typical values based on material tested. These values should not be construed as guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots hereof.