



# Title: Mucolytic Digesting Agent Material Data Safety Sheet

Document No.: MSDS-00380

Revision: 00

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For cat # 641 see also: MSDS 00740 – Parawash

## Section 1. Identity

Product Name: Mucolytic Digesting Agent

Cat#	Description	SDL Prod ID
644	Mucolytic Digesting Agent	15ml bottle 00380
641	Fecal Concentrator Kit	50 x fine mesh filter funnels(grid 0.040), 50 x15ml centrifuge tubes, 15ml Mucolytic Digesting Agent, 250ml of Parawash 00376
641-P	Fecal Concentrator Kit for Parawash	50 x fine mesh filter funnels(grid 0.040), 50 x15ml centrifuge tubes, 15ml Mucolytic Digesting Agent 00377
6052	Fecal Parasite Concentrators 15ml	100 x tube strainer units, 15ml Mucolytic Reagent 00735
6056	Fecal Parasite Concentrators 50ml	120 x tube strainer units, 15ml Mucolytic Reagent 00736

Manufacturer/Supplier: Scientific Device Laboratory, 411 Jarvis Avenue, Des Plaines, IL 60018  
Phone 847-803-9495

Emergency Information: In case of a chemical emergency, spill, fire, exposure or accident contact Scientific  
Device Laboratory at (847) 803-9495 or CHEMTREC at 908-281-0522

## Section 2. Hazardous Ingredients/Identity Information

Components: Triton X-100 (CAS#9002-93-01), water

## Section 3. Physical/Chemical Characteristics

Boiling Point: 182°C

Specific Gravity: 1.041-1.043

Flash point 550° F

Solubility in H<sub>2</sub>O: soluble

Appearance: clear liquid

Odor: none

Flammability: class IIIB

Rating: health =2 fire=1, reactivity =0 persistence=1

## Section 4. Fire and Explosion Hazard Data

Extinguishing medium: water spray or carbon dioxide

Flammable Point: unknown

Flammable Limits: unknown

Hazards : May release toxic fumes

Special Fire Fighting Procedures: wear self contained breathing apparatus and protective clothing

Unusual Fire and Explosion Hazards: prevent contact with eyes and skin



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**Section 5. Reactivity Data**

- Stability: Stable
- Condition to avoid: strong oxidants
- Reagent incompatibility: strong oxidants
- Hazardous decomposition or By-products: strong acids and bases
- Hazardous polymerization: not known
- Conditions to avoid: keep away from skin and eyes

**Section 6. Health Hazard Data**

- Routes of entry: Inhalation: No Skin: yes if contact can cause irritation Ingestion: 1800mg/kg in rats, in humans may cause nausea and vomiting.
- Health Hazards: strong oxidizing agent
- Carcinogenicity: not known
- Medical conditions aggravated by prolonged exposure: not known
- Emergency First Aid Procedures: Flush with water for 15 minutes, wash with soap.

**Section 7. Precautions for Safe Handling and Use**

- Steps to be taken if material is spilled: dilute with copious amount of water.
- Precautions to be taken in Handling and Storage: keep in dry place.
- Handle with gloves and mask
- Other Precautions: store away from other strong oxidants

**Section 8. Control Measures**

- Respiratory Protection: mask with organic vapor filter
- Ventilation: yes
- Storage: keep product tightly capped
- Protective Gloves: gloves
- Protective Clothing: impervious lab coat
- Work/Hygiene Practices: work in ventilated area
- Eye Protection: chemical safety goggles

**Section 9. Transportation**

Not regulated by DOT

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Revision History

CR NUMBER	REVISION
0908-001	00

approved September 2008

**Title: Parawash Material Data Safety Sheet****Document No.:** MSDS-00740**Revision:** 00

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For cat # 641 see also: MSDS 380 – Mycolytic Digesting Agent

**Section 1. Identity****Product Name:** Parawash

Cat#	Description	SDL Prod ID
6121	Parawash	250ml bottle x 6/pkg 00740
641	Fecal Concentrator Kit	50 x fine mesh filter funnels(grid 0.040), 50 x15ml centrifuge tubes, 15ml Mycolytic Digesting Agent, 250ml of Parawash 00376

**Manufacturer/Supplier:** Scientific Device Laboratory, 411 Jarvis Avenue, Des Plaines, IL 60018  
Phone 847-803-9495**Emergency Information:** In case of a chemical emergency, spill, fire, exposure or accident contact Scientific Device Laboratory at (847) 803-9495 or CHEMTREC at 908-281-0522**Section 2. Hazardous Ingredients/Identity Information**

Component: C-10 saturated hydrocarbon

**Section 3. Physical/Chemical Characteristics**

Boiling Point: 215°F

Specific Gravity: 0.76

Vapor Pressure (mmHg): 10mm

Vapor Density (AIR=1): 5.14

Freezing point: &lt;-76°F

Flash Point: &gt; 200°F

Melting Point:&lt; 32°F

Solubility in H<sub>2</sub>O: < 0.1%

Appearance: clear

Odor: mild

**Section 4. Fire and Explosion Hazard Data**

Extinguishing medium: water spray or carbon dioxide

Special Fire Fighting Procedures: wear self contained breathing apparatus and protective clothing

Unusual Fire and Explosion Hazards: prevent contact with eyes and skin

Flash Point: &gt;200°F

Health = 1, Reactivity = 0, Fire: 1:

**Section 5. Reactivity Data**

Stability: Stable

Condition to avoid: high temperature

Reagent incompatibility: not established

Hazardous decomposition or By-products: not established

Hazardous polymerization: does not occur

Conditions to avoid: keep away from skin and eyes



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**Section 6. Health Hazard Data**

It is non-toxic, non carcinogenic and non hazardous  
Routes of entry: Inhalation: Yes Skin: Yes Ingestion: Yes  
Health Hazards: expected to be an irritant  
Carcinogenicity: oral-LD50 (rat) >5g/ kg dermal LD50 (rat )<3.2g/kg  
Medical conditions aggravated by exposure: not known  
Maybe harmful or fatal if swallowed.  
If splashed into eyes seek medical help  
Emergency First Aid Procedures: If ingested induce vomiting. Flush with water for 15 minutes, wash with soap. If inhaled, give artificial respiration

**Section 7. Precautions for Safe Handling and Use**

Steps to be taken if material is spilled: dilute with copious amount of water.  
Waste Disposal Method: mix material with combustible solvent and burn in chemical incinerator equipped with afterburner and scrubber.  
Precautions to be taken in Handling and Storage: keep in dry place.  
Handle with gloves and mask  
Other Precautions: store away from other strong oxidants

**Section 8. Control Measures**

Respiratory Protection: mask  
Ventilation: yes  
Storage: store in tightly capped bottles  
Protective Gloves: gloves  
Protective Clothing: lab coat  
Work/Hygiene Practices: work in ventilated area  
Eye Protection: chemical safety goggles or full face shield

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