

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | | | | | |
|---------------------|-----------------------------------|--------------------|--|-------------|-----|
| PRODUCT NAME | Urine Terminator | PRODUCT USE | Urine Enzyme Cleaner / Odor Eliminator | ITEM | 472 |
| COMPANY NAME | Abernathy Company | Office | (800) 962-7498 | | |
| | 3800 Abernathy Drive | Fax | (870) 772-2908 | | |
| | Texarkana AR 71854 | Web | www.abernathycompany.com | | |
| | EMERGENCY TELEPHONE NUMBER | INFOTRAC | (800) 535-5053 | | |

SECTION – 2 HAZARDS INFORMATION

PHYSICAL HAZARDS None

HEALTH HAZARDS None

CAUTION! May cause eye irritation, May cause mild skin irritation, May be harmful if swallowed, Avoid eye contact, and inhalation of mist, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

SECTION – 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

| <u>CHEMICAL NAME</u> | <u>COMMON NAME AND SYNONYMS</u> | <u>CAS #</u> | <u>IMPURITIES</u> | <u>PERCENT</u> |
|----------------------|---------------------------------|--------------|-------------------|----------------|
| None Listed | | | | |

SECTION – 4 FIRST AID MEASURES

| | |
|--------------------------|--|
| EYE CONTACT | Flush eyes with cold water while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists seek medical aid |
| SKIN CONTACT | Wash contaminated skin with plenty of water |
| INHALATION | Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention |
| INGESTION | DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs |
| Aspiration Hazard | Not applicable |

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

| | |
|-------------------|--------------------------------------|
| Eyes | May cause eye irritation |
| Skin | May cause mild skin irritation |
| Inhalation | Spray mist may cause mild irritation |
| Ingestion | May be harmful if swallowed |

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

| | |
|-------------------|--|
| Eyes | May cause eye irritation, redness, tearing, by direct product contact or mists |
| Skin | May cause mild skin irritation, redness, drying or cracking |
| Inhalation | Spray mist may cause irritation |
| Ingestion | Harmful if swallowed, Slight acute toxicity if swallowed, Symptoms may include, nausea or diarrhea |

SECTION – 5 FIRE FIGHTING MEASURES

| | |
|--------------------------------|--|
| Extinguishing Media | Not flammable: Use extinguishing media for surrounding fire |
| Hazardous Decomposition | Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes |
| Reactive With | Incompatible with, strong oxidizing agents |
| Explosion Hazards | Not applicable |
| Static Discharge | Not applicable |
| Mechanical Impact | Not applicable |
| Protective Equipment | Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear |

FLAMMABLE LIQUIDS HAZARD CLASSIFICATION

Criteria Flash point > 93.3°C (200°F)
 NFPA Class III B
 GHS Not applicable
 WHMIS Not applicable

NFPA HAZARD RATINGS

| | |
|---------------------|-----|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | FBG |

SECTION – 6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|---|
| Emergency Procedures | Warn personnel of spill |
| Personal Precautions | Avoid slipping on spilled product |
| Protective Equipment | Safety Glasses, Gloves |
| Containment | Use rags or towels to prevent spill from spreading |
| Clean Up Procedures | Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water Large Spills: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container Vacuum or sweep up material and place in a disposal container |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|---|
| Handling | Use appropriate safety equipment, Avoid eye and skin contact, May be harmful if swallowed, Wash thoroughly after handling |
| Storage | KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS**

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Significant Exposure |
|---------------|---------------|--------------|------------------|-------------|----------------------|
| None Listed | | | | | |

PERSONAL PROTECTIVE EQUIPMENT

Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)

**Ventilation**

General Ventilation

HMIS HAZARD RATINGS

| | |
|---------------------|---|
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | B |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------|---------------|--|---------------|
| Flash Point | Not Flammable | Specific Gravity / Relative Density | 1.02 |
| Flammable Limits | ND | Molecular Weight | ND |
| Auto-Ignition Temp. | ND | Initial Boiling Point | 100°C (212°F) |
| Physical State | Liquid Opaque | Boiling Range | ND |
| Appearance | White Soap | Vapor Pressure | ND |
| Odor | ND | Vapor Density | ND |
| Odor Threshold | 100% | Freeze Point | 0°C (32°F) |
| Solubility | < 85% | Melting Point | ND |
| Volatiles | < 1% | Partition Coefficient | ND |
| VOC | 9.0 | Decomposition Temperature | ND |
| pH (± 0.3) | | Evaporation Rate | ND |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity (Specific Test Data) | None available |
| Chemical Stability | Stable when stored below 49°C (120°F) |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents |
| Thermal Decomposition | Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes May cause eye irritation
 Skin May cause mild skin irritation
 Inhalation Spray mist may cause mild irritation
 Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes May cause eye irritation, redness, tearing, by direct product contact or mists
 Skin May cause mild skin irritation, redness, drying or cracking
 Inhalation Spray mist may cause irritation
 Ingestion Harmful if swallowed, Slight acute toxicity if swallowed, Symptoms may include, nausea or diarrhea

Acute Tox Calculated Oral: 35,000,000 mg/kg Dermal: 24,999,990 mg/kg Inhaled: mg/L

Acute Tox Category "Not applicable (Oral > 2,000 mg/kg)", "Not applicable (Dermal > 2,000 mg/kg)", "No data available (Inhaled)"

Additional Info

Target Organs Eyes (Lens or cornea)
 Medical Conditions Preexisting, eye, disorders may be aggravated by exposure to this product
 Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| <u>CHEMICAL NAME</u> | <u>NTP</u> | <u>ACGIH</u> | <u>IARC</u> | <u>GHS Category</u> |
|----------------------|------------|--------------|-------------|---------------------|
|----------------------|------------|--------------|-------------|---------------------|

None Listed

MUTAGENIC AND REPRODUCTIVE EFFECTS – May cause fetal and reproductive abnormalities.

| <u>CHEMICAL NAME</u> | <u>Germ Cell Mutagenicity</u> | <u>Toxic to Reproduction</u> |
|----------------------|-------------------------------|------------------------------|
|----------------------|-------------------------------|------------------------------|

None Listed

COMPONENTS ACUTE TOXICITY

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Form</u> | <u>Subject</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|----------------------|-------------|-------------|----------------|---------------------|----------------------|---------------------|
|----------------------|-------------|-------------|----------------|---------------------|----------------------|---------------------|

None Listed

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|----------------------|-------------|----------------|----------------------|---------------------|----------------------|---------------------|
|----------------------|-------------|----------------|----------------------|---------------------|----------------------|---------------------|

None Listed

Presistence And Degradability This product is inherently biodegradable according to the OECD definition

Bioaccumulative Potential No data available

Mobility In Soil No data available

Other Adverse Effects No data available

SECTION – 13 DISPOSAL CONSIDERATIONS**DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER**

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

SECTION – 14 TRANSPORT INFORMATION**D.O.T. CLASSIFICATION**

| <u>UN Number</u> | <u>Proper Shipping Name</u> | <u>n.o.s. (Chemicals) or "Limits"</u> | | | |
|---------------------|---|---|----------------------------------|----------------------|-------------------------|
| Not Regulated | Non Hazardous – Compounds Cleaning Liquid | | | | |
| <u>Hazard Class</u> | <u>Packing Group</u> | <u>Label Codes</u> | <u>Reportable Quantity (lbs)</u> | <u>Response Code</u> | <u>Marine Pollutant</u> |
| None | | None | None | 154 | No |

SECTION – 15 REGULATORY INFORMATION**TSCA**

| CHEMICAL NAME | Sec 8(b) Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
|---------------|--------------------|----------------------------|------------------------------|-------------------------------|
|---------------|--------------------|----------------------------|------------------------------|-------------------------------|

None Listed

REPORTABLE QUANTITIES

| CHEMICAL NAME | Extremely Hazardous EPCRA TPQ Sec 302 | Reportable Quantity EPCRA RQ Sec 304 | Emission Reporting CERCLA RQ Sec 103 | TRI Sec 313 | RCRA Code | RMP TQ Sec 112r |
|---------------|--|---|---|-------------|-----------|-----------------|
|---------------|--|---|---|-------------|-----------|-----------------|

None Listed

SARA

| CHEMICAL NAME | Section 311 | | | Section 311 / 312 Hazards | | | |
|---------------|--------------------|-------|---------|---------------------------|----------|----------|--|
| | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive | |

None Listed

RIGHT TO KNOW

| CHEMICAL NAME | STATE | | | | | | | | | | | |
|---------------|-------|----|----|----|----|----|----|----|----|----|----|----|
| | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI |

None Listed

CALIFORNIA

| CHEMICAL NAME | CAS # | WARNING! This product contains chemicals known to the state of California to cause: | | | |
|---------------|-------|---|-------------------|------------|---------------|
| | | Birth Defects | Reproductive Harm | Carcinogen | Developmental |

None Listed

CLEAN AIR WATER ACTS

| CHEMICAL NAME | CAS # | Clean Air Acts | | | Clean Water Acts | | |
|---------------|-------|----------------|---------------|---------------|------------------|----|----|
| | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |

None Listed

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
|---------------|-----------|--------|-----------------|-------|-------|----|
|---------------|-----------|--------|-----------------|-------|-------|----|

None Listed

WHMIS Classification

| CHEMICAL NAME | DSL | Class | Description |
|---------------|-----|-------|-------------|
|---------------|-----|-------|-------------|

None Listed

Standard Risk And Safety Phrases

| Code | Definition (R-Phrases / S-Phrases) |
|------|---|
| R36 | Irritating to eyes |
| S2 | Keep out of the reach of children |
| S26 | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice |
| S62 | If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible |

SECTION – 16 OTHER INFORMATION

| SDS | LEGEND DESCRIPTION | | |
|---------------|---|--------------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NFPA | National Fire Protection Association |
| EPA | Environmental Protection Agency | NIOSH | National Institute for Occupational Safety and Health |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NE | Not Established |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous air pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety Glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Air concentration that is lethal to 50% of a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) |
| KD | Kidney Damage (nephropathy) | UEL | Upper Explosive Limit |

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