



## SAFETY DATA SHEET

### 1. Product and Company Identification

<b>Product Name</b>	<b>VanSickle FUEL TANK LINER DETERGENT WASH</b>
<b>Product Number</b>	<b>11874</b>
<b>Product Type</b>	Mixture
<b>Product Use</b>	Liquid alkaline cleaner degreaser
<b>Manufacturer/Supplier</b>	National Purity, LLC. 6840 Shingle Creek Parkway, Suite #23 Brooklyn Center, MN 55430
<b>Company Contact</b>	612-672-0022
<b>Emergency Telephone Number</b>	1-800-255-3924

### 2. Hazards Identification

#### GHS Classification in accordance with 29 CFR 1910 OSHA HCS

Flammable liquid, (Category 4) H227  
Acute toxicity, Oral (Category 3) H301,  
Skin irritation, (Category 2) H314  
Eye irritation, (Category 1) H318  
Respiratory irritation (Category 4) H335  
Acute aquatic toxicity, (Category 3) H402  
Chronic aquatic toxicity, (Category 3) H412

#### GHS Label elements, including precautionary statements

##### Pictogram



##### Signal word

Danger

##### Hazard Statements

H227	Combustible liquid.
H301	Toxic if swallowed. May cause corrosive damage to mouth, throat, or stomach.
H314	Causes severe skin burns and eye damage.
H318	Causes severe eye damage.
H335	May cause respiratory irritation.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects

##### Precautionary Statements

###### Prevention

P210	Keep away from heat/sparks/open flames/hot surfaces and other sources of ignition. No smoking.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P261	Avoid breathing mist/vapors/spray.
P273	Avoid release to the environment.

###### Response

P370+P378	In case of fire, use procedures proper for the primary source of the fire.
P302+P352	IF ON SKIN, wash thoroughly with soap and water and rinse with plenty of water.
P312	Call a POISON CENTER/doctor if irritation occurs or if feeling unwell.



P362+P364 P301+P312+P330	Take off contaminated clothing and wash before reuse. IF SWALLOWED, immediately call a POISON CENTER/doctor. DO NOT INDUCE VOMITING. Rinse mouth with water.
P305+P351+P337+P313	IF IN EYES, rinse cautiously for several minutes. Remove contact lenses if present. Continue rinsing. If eye irritation persists, Get medical advice and attention
P304+P340+P312	IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if having difficulty breathing or feeling unwell.
<b>Storage/Disposal</b> P403+P235+P340 P405 P501	Store in a well ventilated place. Keep cool. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/federal regulations.

### 3. Composition/Information on Ingredients

The criteria for listing components in this section are: Ingredients that meet the criteria for carcinogenic, toxic to reproduction, or specific target organ toxicity and components otherwise considered hazardous according to OSHA which exceed the cut off limits for SDS specified by the criteria for mixtures are listed. Non hazardous components are not listed. This is not a composition disclosure. Exact percentages are considered proprietary and a trade secret.

Hazardous Components	CAS#	Classification	%
2-Butoxyethanol	111-76-2	H227, H335	6-8%
Potassium hydroxide	1310-58-3	H301, H314, H318, H402, H412	4-6%
Dodecylbenzene sulfonic acid	27176-87-0	H301, H314, H318, H412	1-3%

### 4. First Aid Measures

Description of First Aid Procedures	
<b>General Advice</b>	Consult a physician. Show this SDS to the doctor.
<b>In Case of Eye Contact</b>	Flush with cool running water for 15 minutes. Remove contact lenses if present. Get immediate medical attention.
<b>In Case of Skin Contact</b>	Wash with soap and water and rinse thoroughly with cool running water. Remove contaminated clothing. Get immediate medical attention if irritation persists.
<b>If Ingested</b>	Rinse mouth with water. <b>Do not induce vomiting.</b> Obtain immediate medical attention. Never give anything by mouth to an unconscious person.
<b>If Inhaled</b>	Move person to fresh air. If breathing difficulty persists, consult a physician.
<b>Notes to Physician</b>	Symptoms may be delayed.
<b>General advice</b>	Seek medical attention if feeling unwell. Show the SDS to the physician in attendance.

### 5. Fire-fighting Measures

<b>Flammable properties</b>	Combustible.
<b>Extinguishing media</b>	Use dry chemical, foam, carbon dioxide or water fog.
<b>Protection of firefighters</b>	Firefighters should wear protective clothing including self contained breathing apparatus
<b>Hazardous combustion products</b>	May include and not limited to oxides of carbon, and nitrogen.
<b>Unusual Fire, Explosion hazards</b>	Containers may melt or rupture from heat of fire. May form combustible mixtures with air when heated.

### 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personal away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled containers unless wearing protective Clothing.
-----------------------------	--



**Methods for containment  
Methods for cleaning up**

Stop leak if you can do so without risk. Prevent entry into waterways, sewers. Before attempting clean up, refer to hazard data given above. Eliminate all nearby sources of ignition and extinguish nearby heat sources and open flames. Small spills, may be mopped up and rinsed. Large spills, dike area to prevent from spreading. Absorb with non reactive absorbent and place in suitable, covered, and labeled container. Rinse area with water. Never return spill to original container. Avoid spills. Keep out of waterways.

**Environmental precautions**

---

## 7. Handling and Storage

**Precautions for Safe Handling**

Use good industrial hygiene practices when handling this material. Avoid contact with eyes, skin and clothing. Wash contaminated clothing before reuse.

**Conditions for Safe Storage**

Keep container closed when not in use. Keep out of reach of children. Keep away from heat or sources of ignition. Store locked up.

---

## 8. Exposure Controls and Personal Protection

**Exposure Limits**

Ingredients	CAS#	OSHA PEL	ACGIH TLV
2-Butoxyethanol	111-76-2	Not available	Not available
Potassium hydroxide	1310-58-3	Not available	2 mg/m <sup>3</sup> TLV
Dodecylbenzene sulfonic acid	27176 87-0	Not available	Not available

**Engineering controls**

General ventilation normally adequate.

**Personal protective equipment**

**Eye/Face protection**

Wear goggles or safety glasses with side shields if splash conditions exist. Have suitable eye wash water available.

**Hand protection**

Wear impermeable gloves to prevent contact with skin.

**Skin and body**

As required by employer code.

**Respiratory protection**

Use a NIOSH approved respirator when exposure guidelines are exceeded.

**General hygiene considerations**

Handle in accordance with good industrial hygiene practices. Do not eat or drink when using product. Wash hands well before breaks and immediately after handling the product.

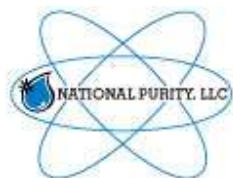
---

## 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

Appearance/form	Clear liquid
Color	Colorless
Odor	Solvent odor
Odor threshold	Not established
pH	13.3-13.7 (concentrate)
Melting/freezing point	Not established
Initial Boiling point	≈212° F. ( 100° C.)
Flash point	145° F. (62.8° C.) CC
Evaporation rate	Not established
Flammability	Combustible
Upper/lower flammability or Explosive limits	Not established
Vapor pressure	Not established
Vapor density	Not established
Specific gravity/density	1.05-1.07
Solubility in water	Complete
VOC	< 10%
% Volatile	Approx. 88%

**Other Safety Information**



## 10. Stability and Reactivity

<b>Reactivity</b>	
<b>Chemical Stability</b>	Stable under normal storage conditions.
<b>Hazardous reactions</b>	None known.
<b>Conditions to avoid</b>	Heat, sparks or open flame. Do not mix with other chemicals.
<b>Incompatible materials</b>	Strong acids, alkalais, strong oxidizing agents.
<b>Hazardous decomposition products</b>	May include but not limited to oxides of carbon, and nitrogen.
<b>Hazardous polymerization</b>	Will not occur

## 11. Toxicological Information

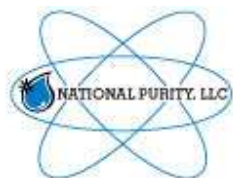
<b>Ingredients</b>	<b>LC50</b>
2-Butoxyethanol	Not available
Potassium hydroxide	Not available
Dodecylbenzene sulfonic acid	1.8 mg/l Acute inhalation
<b>Ingredients</b>	<b>LD50</b>
2-Butoxyethanol	Not available
Potassium hydroxide	Not available
Dodecylbenzene sulfonic acid	890 mg/kg (Acute oral-rat)
<b>Eye</b>	Causes severe eye damage.
<b>Skin</b>	May cause severe skin burns..
<b>Ingestion</b>	Harmful if swallowed. May cause corrosive damage to mouth, throat and stomach.
<b>Inhalation</b>	May cause irritation of nose and throat.
<b>Sensitization</b>	Non hazardous.
<b>Chronic effects of short and long Term exposure</b>	Prolonged exposure to skin may cause drying, defatting and irritation.
<b>Carcinogenicity</b>	Does not contain ingredients considered carcinogenic by NTP, or OSHA. IARC
<b>Mutagenicity</b>	Non hazardous.
<b>Reproductive effects</b>	Non hazardous.
<b>Teratogenicity</b>	Non hazardous.

## 12. Ecological Information

<b>Eco-toxicity</b>	Ecological effects for this product have not been analyzed. However, if spilled this products ingredients are harmful to aquatic life and may have long lasting effects. LC50 Fish: 4200 mg/l 96 hour estimated
Dodecylbenzene sulfonic acid	
<b>Environmental effects</b>	Not Available
<b>Aquatic toxicity</b>	Not Available
<b>Persistence and Degradability</b>	Not available
<b>Bioaccumulation/accumulation</b>	Not Available
<b>Partition coefficient</b>	Not Available
<b>Mobility in environmental media</b>	Not Available
<b>Chemical fate information</b>	Not Available
<b>Other adverse effects</b>	Not Available

## 13. Disposal Considerations

<b>Waste codes</b>	Not Available
<b>Disposal instructions</b>	Dispose in accordance with local, state, and federal regulations
<b>Wastes from residues/unused product</b>	Containerize. Rinse area with water. Keep out of storm sewer/waterways.
<b>Contaminated packaging</b>	Dispose in accordance with all applicable regulations.



## 14. Transport Information

### Basic shipping requirements:

<b>Proper shipping name:</b>	Potassium hydroxide solution, 8, UN1814, PG II
<b>Hazard class</b>	8
<b>UN number</b>	1814
<b>Packing group</b>	II
<b>Special provisions</b>	
<b>Packaging exceptions</b>	None

## 15. Regulatory Information

### U.S federal regulations

This product has been classified in accordance with the Occupational Safety and Health Administration hazard criteria and the SDS contains all of the information required by OSHA. HCS 2012

### TSCA

All ingredients are listed on the Toxic Substances Control Act

### CERCLA Super Fund 40CFR117.302

Product contains a material with a Reportable Quantity (RQ)  
2-Butoxyethanol RQ = 5000 Lbs.

Dodecylbenzene sulfonic acid RQ = 1000 Lbs.

### SARA Title III Section 311&312

Immediate (Acute) Health Hazard

### SARA Title III Section 313

2-Butoxyethanol is subject to the reporting requirements of section 313 of Title III SARA.

### States Right to Know

Reportable chemicals:

2-Butoxy ethanol, Dodecylbenzene sulfonic acid, Potassium hydroxide

### Warning

This product contains a chemical known to the state of California to cause cancer (Sulfuric acid <0.02%)

### Inventory Status

#### Countries

U.S.

Canada

#### Inventory Name

CIL

DSL

#### On Inventory (Yes/No)\*

Yes

Yes

- A "Yes" indicates that all of the components of this product comply with the inventory requirements administered by the governing country(s) listed.

## 16. Other Information

### HMIS RATING

#### HMIS Legend

Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	3
Flammability	1
Reactivity	1
Personal Protection	B



NATIONAL PURITY, LLC.  
6840 SHINGLE CREED PKWY, STE 23  
BROOKLYN CENTER, MN 55430  
(612) 672-0022

**Disclaimer**

To the best of our knowledge, the information included herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Issue date**

January 17, 2015

**Supersedes date**

Previous issues

**Reason for update**

Conform to GHS OSHA HCS 2012

**Expiration date**

January 17, 2018