

Safety Data Sheet



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Section 1. Chemical Product and Company Identification

Product Name Pitbull
Product Use Caustic, Surfactant Cleaner
Product Code 8453
Date of Issue 7/5/2016
Supersedes 2/16/2016

Emergency Telephone Numbers

CHEMTREC- 1-800-424-9300

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

Section 2. Hazards Identification

Emergency Overview

DANGER



Health Hazards

Acute Toxicity; Oral	Category 4
Skin Corrosion/Irritation	Category 1
Serious eye damage/ eye irritation	Category 1
Carcinogenicity	Category 2

Precautionary Statements:

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P260	Do not breathe in dust or mist
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when handling product
P280	Wear protective gloves, clothing and eye protection
P301+P330+P331+P312	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P303+P361+P353	IF ON SKIN (or hair): Remove contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention
P330	Do NOT induce vomiting
P363	Wash contaminated clothing before reuse
P405	Store locked up
P501	Dispose of in accordance with all federal, state and local pollution control regulations

Hazard Statements:

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H351	Suspected of causing cancer

Routes of Entry Dermal, Oral, and Inhalation

Acute Effects:

Eyes	Causes irritation to serious eye damage. Severity increase with duration of contact.
Skin	Can cause irritation to burns depending upon duration of contact.
Inhalation	Can cause irritation and burns to respiratory tract.

Ingestion Do not take internally. Will cause burning of the digestive tract. Corrosive to the mucous membranes of the mouth, throat, esophagus, and stomach. Causes burns, nausea, and vomiting with gastrointestinal disorder. Can be fatal if swallowed.

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients	CAS Number	% by Weight
Sodium Metasilicate	6834-92-0	<3
Tetrasodium EDTA	64-02-8	<3
Sodium Hydroxide	1310-73-2	<10
Dodecyl Benzenesulfonic Acid	27176-87-0	<10
2-butoxyethanol	111-76-2	<10
Trisodium Nitrilotriacetate	5064-31-3	<2
Trade Secret Claimed: Proprietary blend of nonionic and ionic surfactants withheld as a trade secret. Information is available to any attending physician in case of an emergency.	-	<20

Section 4. First Aid Measures

Eye Contact Flush immediately with clean water for 15 minutes. Seek immediate medical attention if irritation persists.

Skin Contact If irritation occurs, flush with plenty of clean water, use soap if available. Remove contaminated clothing and shoes; wash before reuse. Seek medical attention if a rash occurs or if irritation continues.

Inhalation Remove to fresh air. Begin CPR if breathing has stopped and seek immediate medical attention.

Ingestion Do not induce vomiting. Give several glasses of water. Never give anything to an unconscious person orally. Seek immediate medical attention.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A)
(estimated rating)



Hazardous Combustion Products None

Extinguishing Media Media applicable to surrounding fire

Unsuitable Extinguishing Media N/A

Fire Fighting Procedures Wear protective gear. Use water to cool fire-exposed containers.

Section 6. Accidental Release Measures

Spill Clean Up All spilled material must be contained and kept out of waterways, sewers and drains. The spilled chemical should be absorbed with an inert material. Flush cleaned area thoroughly with water.

Section 7. Handling and Storage

Handling and Storage Keep container tightly closed when not in use. Store product indoors and keep from freezing. Keep out of the reach of children. Have eyewash accessible to use in handling area.

Section 8. Exposure Controls/Personal Protection

Exposure Limits

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Sodium Hydroxide (1310-73-2)	2mg/m ³	2mg/m ³		2mg/m ³
2-butoxyethanol (111-76-2)	50ppm	5ppm		20ppm

Engineering Controls Use in a well-ventilated area



Personal Protective Equipment (PPE)

Eyes Safety glasses or chemical splash goggles

Body Rubber or neoprene gloves

Respiratory Use a NIOSH approved respirator if exposure limits are reached or exceeded

Section 9. Physical and Chemical Properties

Physical State	Liquid	Explosive Limits	N/A
Color	Purple	Vapor Pressure	N/A
Odor	Mild odor	Vapor Density	N/A
Odor Threshold	N/A	Relative Density	N/A
pH	13-14.0	Solubility	Complete
Freezing Point	N/A	Partition Coefficient	N/A
Boiling Point	212°F	Auto-Ignition Temp.	N/A
Flash Point	Not combustible	Decomposition Temp.	N/A
Evaporation Rate	N/A	Viscosity	N/A
Flammability	Non-Flammable	Specific Gravity	1.09-1.11

Section 10. Stability and Reactivity

Stability and Reactivity	Stable
Incompatibility	Acids and soft metals
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	None
Conditions to Avoid	N/A

Section 11. Toxicological Information

Routes of Entry	Dermal, oral and inhalation
Symptoms	Irritation to burns
Skin Irritant	May cause redness to burning to skin. May cause serious damage to skin with prolonged contact
Eye Irritant	Causes serious damage to eyes due to high alkalinity.
Sensitizers	Not determined
Mutagenicity	No information found
Carcinogenicity	2-butoxyethanol: IARC Group 3 (not classifiable as a human carcinogen) Trisodium Nitritotriacetate: IARC Group 2B (suspected of causing cancer)
Reproductive Toxicity	No information found
Target Organs	No target organs

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

Acute Toxicity

Test	Results	Basis
Dermal	4,788 mg/kg	ATE determined beyond Category 4
Oral	1,911 mg/kg	ATE determined Category 4
Inhalation	17.1 mg/l	ATE determined beyond Category 4

Section 12. Ecological Information**Environmental Effects** No ecological information available**Section 13. Disposal Considerations****Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.**Section 14. Transportation Information**

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	UN1824	Sodium Hydroxide Solution	8	PGII	Corrosive

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

US Federal Regulations The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

2-butoxyethanol	111-76-2	<10%
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The following substances have CERCLA reportable quantity values (in pounds):

Sodium Hydroxide	1310-73-2	1,000
Dodecyl Benzenesulfonic Acid	27176-87-0	1,000

State Regulations The following substance is known to the State of California Prop 65 as causing cancer:

Trisodium Nitrotriacetate	5064-31-3
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Section 16. Other Information**Last Revision** 7/5/2016

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.