

Rip Tide

SDS Number: W500B

Revision Date: 2/20/2018

Page 1 of 7

**1 PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer**

Wechem, Inc  
5734 Susitna Dr  
Harahan, LA 70123

**Contact:** Ligia M. Hernandez  
**Phone:** 504-733-1152  
**Fax:** 504-733-2218  
**Web:** www.wechem.com

**Product Name:** Rip Tide  
**Revision Date:** 2/20/2018  
**SDS Number:** W500B  
**Product Code:** W500  
**Product Use:** Heavy Duty Cleaner / Degreaser

Emergency Telephone Number:  
INFOTRAC  
1-800-535-5053

**2 HAZARDS IDENTIFICATION**

**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

- Health, Acute toxicity, 4 Dermal
- Health, Acute toxicity, 4 Inhalation
- Health, Skin corrosion/irritation, 1 B
- Health, Serious Eye Damage/Eye Irritation, 1
- Health, Respiratory or skin sensitization, 1 Skin

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** DANGER

**GHS Hazard Pictograms:**



**GHS Hazard Statements:**

- H312 - Harmful in contact with skin
- H332 - Harmful if inhaled
- H314 - Causes severe skin burns and eye damage
- H318 - Causes serious eye damage
- H317 - May cause an allergic skin reaction

**GHS Precautionary Statements:**

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 2 of 7

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P310 - Immediately call a POISON CENTER or doctor/physician.  
 P363 - Wash contaminated clothing before reuse.  
 P501 - Dispose of contents/container in accordance with all local, regional and international regulations.

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Skin absorption, eye, inhalation, ingestion  
**Target Organs:** NA  
**Inhalation:** Generated mist may be severely irritating and cause damage to respiratory tract  
**Skin Contact:** Causes burns with prolonged contact.  
**Eye Contact:** Will cause burns with prolonged contact.  
**Ingestion:** Harmful or fatal if swallowed.

**3 COMPOSITION/INFORMATION OF INGREDIENTS**

**Ingredients:**

Cas#	%	Chemical Name
111-76-2	10-30%	2-Butoxyethanol
1310-58-3	1-5%	Potassium hydroxide
6834-92-0	1-5%	Sodium Metasilicate
64-02-8	1-5%	Tetrasodium EDTA
68127-33-3	1-5%	2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-, potassium salt
34398-01-1	1-5%	Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy-
68478-94-4	0.1-1%	Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[.omega.-hydroxy-, branched, chlorides

**4 FIRST AID MEASURES**

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.  
**Skin Contact:** Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.  
**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.  
**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**5 FIRE FIGHTING MEASURES**

**Flash Point:** Above 200 Deg F  
**Flash Point Method:** TCC  
 Suitable Extinguishing Media: Water Spray, Dry Chemical, Foam, Carbon Dioxide.  
 Unsuitable Extinguishing Media: None known

Special Hazards arising from the substance or mixture: Fire Hazard - Products of combustion may include, and are not limited to : oxides of carbon.

Special Fire fighting procedures: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 3 of 7

(SCBA).

6

## ACCIDENTAL RELEASE MEASURES

### For Non-Emergency Personnel

Protective Equipment - Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with skin and eyes.

### For Emergency Responders

No additional information available.

### Methods and Material for Containment and Cleaning Up

For Containment - Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposable container. Provide ventilation.

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

7

## HANDLING AND STORAGE

### Handling Precautions:

Corrosive liquid. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

### Storage Requirements:

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.  
Corrosive liquid. Handle all containers carefully. Keep out of reach of children.  
Keep container tightly closed and in a well-ventilated place. Store locked up.

8

## EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Personal Protective Equipment:

Hand Protection - Wear chemically resistant protective gloves.  
Eye Protection - Wear approved eye protection (properly fitted dust-or splash-proof chemical safety goggles) and face protection (face shield).  
Skin & Body Protection - Wear chemically protective gloves, lab coat or apron to prevent prolonged or repeated skin contact.  
Respiratory Protection - In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Environmental Exposure Controls

Maintain levels below Community environmental protection thresholds.

### Other Information

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

2-Butoxyethanol cas#:(111-76-2) [10-30%]

Components with workplace control parameters

TWA 20 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation

Confirmed animal carcinogen with unknown relevance to humans

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 4 of 7

TWA 5 ppm USA. NIOSH Recommended  
 24 mg/m3 Exposure Limits  
 Potential for dermal absorption

TWA 50 ppm USA. Occupational Exposure Limits  
 240 mg/m3 (OSHA) - Table Z-1 Limits for Air  
 Contaminants

Skin designation  
 The value in mg/m3 is approximate.

TWA 25 ppm USA. OSHA - TABLE Z-1 Limits for  
 120 mg/m3 Air Contaminants - 1910.1000  
 Skin notation

Potassium hydroxide cas#:(1310-58-3) [1-5%]

Components with workplace control parameters

C 2 mg/m3 USA. ACGIH Threshold Limit Values  
 (TLV)  
 Eye, skin, & Upper Respiratory Tract irritation

C 2 mg/m3 USA. OSHA - TABLE Z-1 Limits for  
 Air Contaminants - 1910.1000

C 2 mg/m3 USA. NIOSH Recommended  
 Exposure Limits

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, purple liquid	<b>Odor:</b>	Characteristic
<b>Physical State:</b>	Liquid	<b>Solubility:</b>	Complete
<b>Odor Threshold:</b>	no data available	<b>Flash Point:</b>	Above 200 Deg F
<b>Spec Grav./Density:</b>	(H2O=1): 1.03+/- 0.1	<b>Vapor Density:</b>	(Air=1): NA
<b>pH:</b>	13 +/- 1	<b>VOC:</b>	13.90 %

**10 STABILITY AND REACTIVITY**

**Chemical Stability:** No dangerous reaction known under conditions of normal use. Stable under normal storage conditions.

**Conditions to Avoid:** Incompatible materials.

**Materials to Avoid:** Strong acids and strong oxidizing agents

**Hazardous Decomposition:** May include, and are not limited to: oxides of carbon.

**Hazardous Polymerization:** Will not occur

**11 TOXICOLOGICAL INFORMATION**

---

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 5 of 7

Acute Toxicity: Harmful in contact with skin and if inhaled.

2-Butoxyethanol (111-76-2)  
LD50 oral rat 470 mg/kg  
LD50 dermal rabbit 220 mg/kg

Sodium Metasilicate (6834-92-0)  
LD50 oral rat 600 mg/kg

Potassium Hydroxide (1310-58-3)  
LD50 oral rat 214 mg/kg

RIP TIDE  
ATE (ORAL) >2000 mg/kg, rat  
ATE (DERMAL) 1432 mg/kg, rabbit  
ATE (INHALATION) 12.8 mg/L (4h), rat

Skin corrosion/irritation: Causes severe skin burns.  
Serious eye damage/irritation: Causes serious eye damage.  
Respiratory or skin sensitization: May cause an allergic skin reaction.  
Germ cell mutagenicity: Based on available data, the classification criteria are not met.  
Carcinogenicity: Based on available data, the classification criteria are not met.

2-Butoxyethanol (111-76-2)  
IARC group 3  
National Toxicity Program (NTP) Status 1

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: Harmful if inhaled. Vapours may cause drowsiness and dizziness. May cause respiratory irritation.

Symptoms/injuries after skin contact: Harmful in contact with skin. Causes severe skin burns. Symptoms may include redness, pain, blisters. May cause sensitization by skin contact.

Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. May cause burns.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

12

**ECOLOGICAL INFORMATION**

Toxicity  
Ecology general - May cause long term adverse effects in the aquatic environment.

Persistence and Degradability  
RIP TIDE

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 6 of 7

Persistence and degradability not established.

**Bioaccumulative Potential**

RIP TIDE

Bioaccumulative potential not established.

**Mobility in Soil**

No additional information available.

**Other Adverse Effects**

No additional information available.

<b>13</b>	<b>DISPOSAL CONSIDERATIONS</b>
-----------	--------------------------------

Waste Disposal Recommendations: This material must be disposed of accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

<b>14</b>	<b>TRANSPORT INFORMATION</b>
-----------	------------------------------

Proper Shipping Name: NA 1760, Compounds, Cleaning Liquid, (Potassium Hydroxide), 8, PG II

<b>15</b>	<b>REGULATORY INFORMATION</b>
-----------	-------------------------------

Component (CAS#) [%] - CODES

2-Butoxyethanol (111-76-2) [10-30%] HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

RQ(1000LBS), Potassium hydroxide (1310-58-3) [1-5%] CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR

Sodium Metasilicate (6834-92-0) [1-5%] TSCA

Tetrasodium EDTA (64-02-8) [1-5%] TSCA

2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-, potassium salt (68127-33-3) [1-5%] TSCA

Poly(oxy-1,2-ethanediyl), .alpha.-undecyl-.omega.-hydroxy- (34398-01-1) [1-5%] TSCA

Poly(oxy-1,2-ethanediyl), .alpha.,.alpha.'-[[[3-(decyloxy)propyl]methyliminio]di-2,1-ethanediyl]bis[.omega.-hydroxy-, branched, chlorides (68478-94-4) [0.1-1%] TSCA

**Regulatory CODE Descriptions**

- 
- RQ = Reportable Quantity
  - HAP = Hazardous Air Pollutants
  - MASS = MA Massachusetts Hazardous Substances List
  - OSHAWAC = OSHA workplace Air Contaminants
  - PA = PA Right-To-Know List of Hazardous Substances
  - SARA313 = SARA 313 Title III Toxic Chemicals
  - TSCA = Toxic Substances Control Act
  - TXAIR = TX Air Contaminants with Health Effects Screening Level
  - CERCLA = Superfund clean up substance
  - CSWHS = Clean water Act Hazardous substances

---

**Rip Tide**

SDS Number: W500B

Revision Date: 2/20/2018

Page 7 of 7

16

**OTHER INFORMATION**

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available

N/D = Not determinedp