1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Rip Tide (Rev 3-11-26)
SDS Number: W500C
Product Code: W500
Revision Date: 3/11/2026
Product Use: Heavy Duty Cleaner / Degreaser

Supplier Details:
Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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

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 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - 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 ON INGREDIENTS

Chemical 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.

Most important symptoms and effects, both acute and delayed.

Symptoms/injuries after inhalation - Harmful if inhaled. Vapours may cause drowsiness and dizziness. May cause . repiratory 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, excessive blinking and tear production, with marked redness and swelling of the confjunctiva. May cause burns.

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

Indication of any immediate medical attention and special treatment needed
Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

5 FIRE FIGHTING MEASURES

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 (SCBA).

Flash Point: Above 200 Deg F

Flash Point Method: TCC

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 futher 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.

Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Storage Requirements: 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

TWA	5 ppm 24 mg/m3	USA. NIOSH Recommended Exposure Limits

Potential for dermal absorption

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

Skin designation

The value in mg/m3 is approximate.

TWA	25 ppm 120 mg/m3	USA. OSHA - TABLE Z-1 Limits for 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

Appearance:	Clear, purple liquid		
Physical State:	Liquid	**Odor:**	Characteristic
Odor Threshold:	no data available		
		Solubility:	Complete
Spec Grav./Density:	(H20=1): 1.03+/- 0.1		
		Flash Point:	Above 200 Deg F
		Vapor Density:	(Air=1): NA
pH:	13 +/- 1	**VOC:**	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

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
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.

13 DISPOSAL CONSIDERATIONS

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.

14 TRANSPORT INFORMATION

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

IATA- NA 1760, Compounds, Cleaning Liquid, (Potassium Hydroxide), 8, PG II

IMDG- NA 1760, Compounds, Cleaning Liquid, (Potassium Hydroxide), 8, PG II

15 REGULATORY INFORMATION

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

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

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