



SAFETY DATA SHEET

Section 1: Identification

Product Name: Cougar Chemical Brake-R Non-Acid Tire & Wheel Cleaner
Product Code: 37-TEC258-G
Product Class: Non-Acid Tire & Wheel Cleaner
Manufacturer/Supplier: COUGAR CHEMICAL
3725 New Getwell Rd
Memphis, TN 38118
Telephone: 901-362-8373
Emergency Telephone: CHEMTREC 800-424-9300

Date Prepared: October 4, 2011
Date of Review/Update: May 21, 2015

Section 2: Hazard Identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

GHS Hazard Symbols:



GHS Classification: Corrosive 1B
Signal Word: Danger

GHS Hazard Statements:

H302 + H312 Harmful if swallowed or in contact with skin
H314 Causes severe skin burns and eye damage
H373 May cause damage to liver, kidneys or blood through prolonged or repeated exposure.

GHS Precautionary Statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306 + P360 IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P361 + P364 Take off immediately all contaminated clothing and wash it before reuse.

Signs and Symptoms of Exposure:

Eye: Irritation including tearing or redness.
Skin: Prolonged skin contact may cause irritation including redness, irritation, itching.
Ingestion: Gastrointestinal irritation, nausea, vomiting, and diarrhea, upset stomach.
Inhalation: Not a likely route of exposure, but if over-inhalation occurs symptoms would include nose, throat, respiratory irritation.
Medical Conditions Aggravated by Exposure: None known.
HMIS Rating: Health- 3 Fire- 0 Reactivity- 0 Personal Protection- C
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	% Range	OSHA PEL	ACGIH TLV
Ethylene Glycol Monobutyl Ether	111-76-2	1-10%	50ppm	20ppm
Sodium Hydroxide	1310-73-2	10-20%	2 mg/m ³	2 mg/m ³

Tetrasodium EDTA	64-02-8	1-10%	Not Established	Not Established
Monoethanolamine	141-43-5	1-10%	3ppm	3ppm

Section 4: First Aid Measures

Eye Contact: Flush with large amounts of water for 15 minutes. If symptoms develop, seek medical attention.
 Skin Contact: Wash affected area with water for 15 minutes. Remove contaminated clothing and launder before reuse.
 Ingestion: Never give anything by mouth to an unconscious person. If person is conscious then give several glasses of water. Do not induce vomiting. Keep warm and quiet. Seek medical attention.
 Inhalation: Remove from exposure. Seek fresh air. Keep warm and quiet. If symptoms worsen seek medical attention.

Section 5: Fire-Fighting Measures

Fire and Explosive Properties: Flash Point: No data Flammable Limits: LEL / UEL: Unknown
 Extinguishing Media: Alcohol-resistant foam, agents approved for class B hazards or water fog, Carbon dioxide, dry chemical
 Protective Equipment: Wear full fire fighter gear and respirator. Frothing may occur with direct stream of water and may endanger any firefighter standing too close to burning liquid. Avoid spreading burning liquid with water used for cooling purposes.

Section 6: Accidental Release Measures

Steps to be taken if Material is Spilled or Leaked: Ventilate, neutralize and remove with inert absorbent. Do not allow to reach waterways.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:
 Never wear soaked clothing. Launder or dry-clean before wearing. Affix proper warning labels on containers in accordance with 29CFR1010.1200.
 Store in a dry, cool, well ventilated area.

Section 8: Exposure Controls and Personal Protection

Ventilation: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred.
 Respirator Protection: Wear properly fitted NIOSH/MSHA approved respirator rated for the hazardous ingredients found in SECTION 3.
 Skin Protection: Gloves rated for protection against ingredients in SECTION 3.
 Eye Protection: Safety glasses with side shields or chemical goggles

Section 9: Physical and Chemical Properties

Boiling Point: 212°F	Vapor Pressure (mmHg @ 68°F):	No data
Vapor Density: No data	Solubility in Water:	Completely soluble
Specific Gravity: 1.10 ± 0.05	Melting Point:	Not Applicable
% Volatile: 75.0 ± 5.0	pH:	12.5 ± 0.5
Appearance/Odor: Clear, Yellow Thick Liquid With Chemical Odor		

Section 10: Stability and Reactivity

Stability: Stable Materials to Avoid: Strong mineral acids, strong organic acids.
 Hazardous Polymerization: Will not occur Conditions to Avoid: None
 Hazardous Decomposition Products: Various hydrocarbons of incomplete combustion.

Section 11: Toxicology Information

IARC, NTP, OSHA Carcinogen: No known carcinogenic effects towards humans.

Section 12: Ecological Information

Not Available

Section 13: Disposal Considerations

Waste Disposal: Waste from this product is hazardous (D002) as defined by the Resource Conservation and Recovery Act (RCRA) 40CFR261. Dispose of in accordance with federal, state and local regulations.

Section 14: Transport Information

D.O.T. REQUIREMENTS (49CFR 172.101): COMPOUNDS CLEANING, LIQUID, 8, NA1760, PGIII (SODIUM HYDROXIDE)

Section 15: Regulatory Information

RQ (REPORTABLE QUANTITY) 49CFR 172.101

<u>COMPONENT</u>	<u>RQ (lb.)</u>	<u>OF THIS PRODUCT</u>
Sodium Hydroxide	1000	120,000
TSCA (Toxic Substances Control Act) Status:	The intentional ingredients of this product are listed.	
<u>CERCLA RQ - 40CFR 302.4</u>		
<u>COMPONENT</u>	<u>RQ (lb.)</u>	<u>OF THIS PRODUCT</u>
Sodium Hydroxide	1000	120,000

SARA 302 COMPONENTS - 40CFR 355 Appendix A:
 SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate (X)
 Delayed (X)
 Fire ()

None
 Reactive ()
 Sudden Release of Pressure ()

SARA 313 COMPONENTS - 40CFR 372.65

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>MAX. PERCENT</u>
Ethylene Glycol Monobutyl Ether	111-76-2	1-10

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

<u>Ingredient</u>	<u>Max. % By Wt.</u>	<u>LD50</u>	<u>LC50</u>	
Sodium Hydroxide	1310-73-2	10-20%	Mouse – Intraperitoneal 40mg/kg	Not Established
Ethylene Glycol Monobutyl Ether	111-76-2	1-10%	Mouse – Oral 1230mg/kg	Mouse – Inhalation 700ppm/7H
Tetrasodium EDTA	8013-51-2	1-10%	Mouse – Intraperitoneal 330mg/kg	Not Established
Monoethanolamine	141-43-5	1-10%	Mouse – Oral 700mg/kg	Not Established

CALIFORNIA PROPOSITION 65: None

Section 16: Other Information

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.