



Ripped

"The Ultimate Floor Cleaner / Degreaser"

(Concentrated Restoration Product)

- **Cleans Everywhere**
- **Cleaning Flexibility**
- **Low Foaming**

Ripped is a super concentrated Butyl Cleaner/Degreaser. This unique formula contains no harsh solvents. Ripped versatility allows end users the flexibility to clean both institutional and industrial locations. One drum of Ripped yields 165 gallons of all purpose cleaner or 110 gallons of heavy industrial strength degreaser.

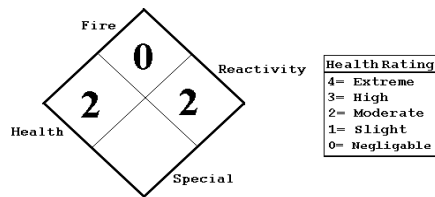


Typical Properties:

Hard Water Tolerance	Excellent
pH	Concentrate..... 13.3
	1:1
	1:2
Acidity.....	None
Flammability	Non Flammable
Stability	1 year
Weight/Gal	8.76
Biodegradability	Complete
Color	Clear

End User Dilutions: For floor cleaning use 1-3 oz per gallon in an automatic scrubber. For spray & wipe hard surface cleaning use 2-4 oz per gallon. For extreme soil use up to 8 oz per gallon. For industrial use, apply with brush, spray, cloth or pressure washer. Can be used at dilutions up to 12 oz per gallon. Ripped rinses easily.

Material Safety Data Sheet



Section I Company Information

Product Name: Ripped

Company Name: Liquid Solutions Of America
Address: 2155 Stonington Ave. Hoffman Estates, IL. 60195
Phone: 630-855-8010
Emergency Phone: 630-247-0801

Proper Shipping Name: Corrosive Liquids, nos (Contains Caustic Soda)
Identification No: UN 1760
Hazard Class: Class 8
Generic Description: Cleaning Compound

Section II Hazardous Ingredients

CAS No	Ingredient	%	TLV
1310-73-2	Caustic Soda	2-5	2 mg/M3
26027-38-3	Nonionic Surfactant	10-20	
111-76-2	EG Butyl Ether	15-25	25 ppm

Section III Physical Data

Boiling Point: 212 F Specific Gravity: 1.01
Vapor Pressure: Not Determined Percent Volatiles: NA
Vapor Density: Less than Air H2O Solubility: Complete
Evaporation Rate: Slower than n-Butyl Acetate
Appearance & Odor: Clear Solution, Typical Mild odor

Section IV Fire & Explosion Data

Flash Point: None
Extinguishing Media: Foam or carbon dioxide or dry chemical.
Firefighting Procedure: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

Section V Health Hazard Data

Routes of Entry: Inhalation, Skin & Ingestion

Eyes: Can cause mild to moderate irritation. **Skin:** Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. **Breathing:** Excessive inhalation of vapors can cause nasal and respiratory irritation. Swallowing: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

First Aid Procedures:

Eyes: Irrigation of the eye immediately with water for ten minutes is good safety practice. **Skin:** Wash off in flow water or shower. Wash clothing before reuse.

Inhalation: Remove to fresh air if effects occur. If respiration stops, give mouth-to-mouth resuscitation. Administer oxygen if available. Call physician and/or transport to medical facility. **Ingestion:** Seek medical attention. Unless advised otherwise, induce vomiting by giving either syrup of ipecac followed by 2 glassed of water or by sticking finger down throat. Do not give anything by mouth if the person is drowsy, unconscious or has no gag reflex.

Section VI Reactivity Data

Hazardous Polymerization: Will not occur
Stability: Stable
Incompatibility: Avoid strong oxidizing agents.

Section VII Spill & Leak Procedures

Response to spills: Stop discharge, if it can be performed safely, and contain material. If a substantial quantity is spilled, recover with pump or vacuum. Otherwise, use an absorbent material. Place contaminated material in a suitable container for disposal. Do not flush to sewer, stream or other bodies of water.

Section VIII Protective Equipment

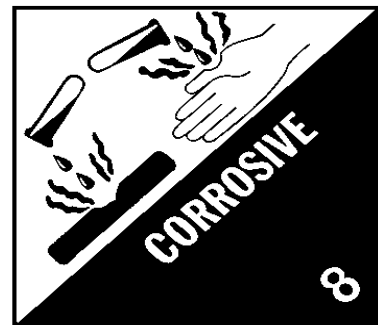
Respiratory Protection: If TLV of the product or any component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised. Engineering or administrative controls should be implemented to reduce exposure.
Ventilation: Provide sufficient ventilation to maintain exposure below TLV(s).
Protective Gloves: Wear chemical resistant gloves such as nitrile rubber.
Eye Protection: Chemical splash goggles are advised.
Other Protective Equipment: Wear impervious clothing and boots.

Section IX Special Precautions

Precautions to be taken in Handling and storage: Handle with reasonable care. Avoid breathing vapors. Store in a cool dry place. Dispose of empty containers in accordance with local, state and federal guidelines. This product contains Caustic Soda and Ethylene Glycol Monobutyl Ether which is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.

Warranty Information - Please Read Carefully:

Liquid Solutions Of America believes that the information in this literature is an accurate description of the typical characteristics and/or uses of the product, but it is your responsibility to thoroughly test the product in your specific application to determine its performance, efficacy and safety. Liquid Solutions Of America provides the sole warranty that the product will meet our current sales specifications. Your exclusive remedy and Liquid Solutions Of America only liability for breach or warranty is limited to refund of the purchase price or replacement of any product shown to be other than as warranted, and Liquid Solutions Of America expressly disclaims any liability for incidental or consequential damages.



CORROSIVE LIQUID, N.O.S.,
[CONTAINS CAUSTIC SODA]
CLASS 8, UN 1760, PACKING GROUP III