

SAFETY DATA SHEET

1. Identification

Product identifier **RUST & STAIN**
Product Code R & S
Recommended use Cleaner
Restrictions Industrial use only
Manufacturer
Company name DougRuckerStore.com, LLC
Address 1701 NORTH PARK DR. SUITE # 17
KINGWOOD, TX 77339
United States
Telephone 281-883-8470
Emergency phone 281-883-8470

Revision Date 04/2015

2. Hazard identification

Physical hazards Corrosive Liquid
Health hazard Skin corrosion/irritation. Serious eye damage/eye irritation

Label elements



Signal word Danger.
Hazard statement Corrosive Liquids. Causes severe skin burns and eye damage. May be corrosive to metal.

Precautionary statement

Prevention Wash thoroughly after handling. Wear protective gloves/clothing/eye/face protection.
Response If swallowed, rinse mouth. **Do not** induce vomiting. Drink plenty of water.
If on skin, rinse with soap and water. If inhaled, remove to fresh air.
If in eyes, rinse cautiously with water for several minutes.
In case of fire: Use appropriate media to extinguish.
Storage Store in a well-ventilated place. Keep cool.
Disposal Dispose of contents/container in accordance with local regional, national, and international regulations.

3. Composition/information on ingredients

<u>Chemical name</u>	<u>CAS number</u>
Sulfuric Acid	7664-93-9
Hydrochloric Acid	7647-01-0
Ammonium Bifluoride	1341-49-7
Glycol Ether EB	111-76-2
Mixed Surfactants	Trade secrets

4. First Aid

Inhalation Move to fresh air.
Skin contact If on skin, rinse with soap and water. Get medical attention if irritation develops or persists.
Eye contact If in eyes, rinse cautiously with water for several minutes. Call physician.
Ingestion If swallowed, rinse mouth. **Do not** induce vomiting. Drink plenty of water. Call physician.

5. Fire Fighting

Extinguishing media Use extinguishing measures that are appropriate to local circumstances and environment.
Flash point Not flammable
Hazardous combustion Carbon oxides
Explosion data Not sensitive
Protective Equipment As in any fire, wear self-contained breathing apparatus pressure-demand, and full protective gear.
NFPA Health Hazard 3 Flammability 0 Stability 0

RUST & STAIN

6. Accidental Release Measures

Personal precautions	Wear protective gloves/clothing and eye/face protection.
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for clean up	Wear protective equipment when handling material to prevent contact. Avoid dust formation. Clean up promptly by scoop or vacuum. Pick up and transfer to properly labeled containers.

7. Handling and Storage

Avoid breathing dust. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety.

8. Exposure controls / personal protection

Exposure guidelines	This product does not contain any hazardous material with occupational exposure limits established by the region specific regulatory bodies.
Engineering measures PPE	Showers, eyewash stations, and ventilation systems.
Product Name:	
Sulfuric Acid	STEL: 3mg/m ³ TWA: 1mg/m ³
Hydrochloric Acid	STEL: 3mg/m ³ TWA: 1mg/m ³
Ethylene Glycol Monobutyl Ether	PEL TWA: 50 ppm 8 hour skin TWA: 20 ppm 8 HOURS skin

9. Physical and chemical properties

Appearance	Clear red liquid
Odor	Sour, Acid smell
pH	1.2 to 1.8
Freeze point	Not available
Flash Point	Not Flammable
Evaporation rate	1 (water=1)
Flammability	Not applicable
Vapor Pressure	Not determined
Relative density	1.18
Solubility	Easily soluble with water
VOC	2%

10. Stability and reactivity

Stability and reactivity	Stable
Incompatibility	Alkalis and oxidizers
Hazardous Polymerization	Will not occur
Hazardous Decomposition	May emit toxic fumes under fire conditions.

11. Toxicological

Acute toxicity

Product Name	Result	Species	Dose	Exposure
Sulfuric Acid	LD50 Oral	(Rat)	2140 mg/kg	-
	LD50 Inhalation Vapor	(Rat)	255 mg/m ³	4 hours
	LD50 Inhalation Vapor	(Mouse)	160 mg/m ³	4 hours
Hydrochloric Acid	LD50 Oral	(Rat)	2140 mg/kg	-
	LD50 Inhalation Vapor	(Rat)	255 mg/m ³	4 hours
	LD50 Inhalation Vapor	(Mouse)	160 mg/m ³	4 hours
Glycol Ether Monobutyl Ether	LD50 Dermal	(Guinea pig)	>2000 mg/kg	-
	LD50 Oral	(Guinea pig)	1200 mg/kg	-
	LD50 Inhalation Vapor	(Guinea pig)	>633ppm	1 hours

12. Ecological Information

Do not contaminate water by cleaning of equipment or disposal of wastes.

13. Disposal information

Waste information

Waste must be disposed of in accordance with federal, state, and local environmental control regulations. Consult your local or regional authorities for additional information.

14. Transport information

DOT classification UN 1760, Corrosive Liquids, N.O.S., 8, PGIII (Sulfuric Solutions)

**15. Regulatory information****U.S. Federal Regulations****SARA 313**

None

Clean Water Act 307

No products found

Clean Water Act 311

Sulfuric Acid

Clean Air Act 112

No products found

State Regulations

California Prop 65

Warning: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Sulfuric Acid

16. Other information

NFPA/HMIS Health 3 Flammability 0 Physical 0

To best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.