



Specifications GRRRIZZLY Paint Stripper 5 Gallon Pail

Appearance:	Clear-White color
Odor:	Minimal/Bland
Boiling Point:	N/A
Vapor Density:	N/A
pH:	10.0-10.5
Flash Point:	NP
DOT Shipping Class:	55
Shipping Weight:	5 gal. pail 35 lbs. 55 gal. drum 386 lbs.
Specific Gravity:	9.75-10.08
Solubility:	N/A
Coverage Rate:	100 sq. ft.
Reactivity:	Stable
HMS Rating:	3-1-0
Shelf Life:	2 years

DOT Shipping Name: Paint Related Material
DOT Hazard Class: 8
DOT Hazard Label: Corrosive
UN/NA Number: UN3066
Packaging Group: II

Twin-Chemicals
Atlanta, Georgia

(800) 442-4958
(770) 924-6147 fax

www.twin-chemicals.com



Grrrizzly is a heavy duty, fast acting paint remover. It will attack multiple layers of paint per application and will remove even the most difficult oil based paints, latex paints, varnish lacquer, varnish, and enamels. It is non-flammable and will not raise the grain of wood or corrode metals.

Directions:

Application: For indoor application, open all windows and doors or use mechanical means to assure a constant supply of fresh moving air during use. Ideal working temperature is between 60-85 degrees F. Avoid direct sunlight. Protect floor coverings and other areas not being stripped. Do not use on synthetic fabrics, plastic, linoleum, asphalt, foam products or rubber tile. Open pail carefully to avoid splashing. **Stir well before using.**

Apply with brush. Brushes should be synthetic, nylon or polyester bristle.

For the best results test a small area to determine the appropriate thickness and duration of time required to remove the paint. Brush on a thick layer in one direction for best results. Brushing back and forth opens up the anti-evaporation barrier which forms on the initial pass. Apply any additional coats in the same direction.

Allow product to work for 5-15 minutes before performing a test scrape to determine how much of the old paint has been lifted. Once Grizzly has lifted the old paint from the surface, scrape it away with a putty knife, cloth or steel wool. Water may be used to help remove the residue. Collect waste in a metal container. Grizzly does not require neutralization. Allow the surface to dry before additional applications of the remover or lockdown of lead dust.

CLEAN UP: Use warm soapy water to clean tools and drippings. Allow waste solvents in metal container to evaporate outdoors, and then dispose of all waste according to current Local, State and Federal Regulations.



TWIN CHEMICALS, INC.

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MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Name	GRRRIZZLY PAINT STRIPPER
MSDS name	GRRRIZZLY PAINT STRIPPER
CAS number	Mixture
Generic description	lead paint stripper
Manufactured By	Twin Chemicals, Inc. 6175 Hickory Flat Hwy. Suite 110-344 Canton, Georgia 30115 USA
24 hour emergency assistance	Certs 800-552-3787
General Assistance	770-924-5333
MSDS assistance	800-552-3787

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component (s)	CAS #
Methylene Chloride	75-09-2
Methanol	67-56-1
Isopropanol	111-76-2

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:	Exposure to hydrocarbons should be limited. High vapor concentrations can cause skin, eye, and respiratory irritation and other central nervous system effects.
POTENTIAL HEALTH EFFECTS:	
Skin	SKIN CONTACT: This product will cause irritation to the skin. Prolonged or repeated contact with this product may dry and/or defat the skin. This product may be harmful if it is absorbed through the skin.
Eyes	EYE CONTACT: Liquid or vapors may irritate the eyes. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Eye contact may lead to permanent damage if not treated promptly.
Inhalation	INHALATION ACUTE EXPOSURE EFFECTS: Vapor harmful. May cause upper respiratory tract irritation and central nervous system depression with symptoms such as confusion, lightheadedness, nausea, vomiting, headache, drowsiness, and fatigue. Mist or vapor can irritate the throat and lungs. Causes formation of carbon monoxide in blood which may affect the cardiovascular system and central nervous system. Continued exposure may cause unconsciousness and even death. Intentional misuse of this product by deliberately concentrating and inhaling the vapors can be harmful or fatal. Concurrent exposure to carbon monoxide, smoking, and physical activity may increase the level of carboxyhemoglobin levels in the blood resulting in additive effects. This product is a simple asphyxiant.
Ingestion	INGESTION ACUTE EXPOSURE EFFECTS: Poison. May be fatal or cause blindness if swallowed. May cause nausea or vomiting. Aspiration hazard. This material may be aspirated into the lungs during vomiting. If vomiting results in aspiration, chemical pneumonia could occur. It can be readily absorbed by the stomach and intestinal tract. Absorption through the gastrointestinal tract may produce central nervous system depression and systemic effects. Swallowing this material may irritate the mucous membranes of the mouth, throat, and esophagus. May cause cyanosis (blue
Target organs	Central Nervous System. Lungs. Skin. Eyes.

4. FIRST AID MEASURES

FIRST AID:

Skin	For skin contact, wash immediately with soap and water for a minimum of 15 minutes. If irritation persists, get medical attention
Eye	Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.
Inhalation	Move person to non-contaminated air. If the affect person is not breathing, apply artificial respiration. Call a physician if symptoms develop or persist.
Ingestion	If the material is swallowed, get immediate medical attention or advice. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing media	Use dry chemical, carbon dioxide, or foam. Use water to cool fire-exposed containers and to protect personnel. Do not direct a solid stream of water or foam into hot, burning pools, this may result in frothing and increase fire intensity.
Basic Fire fighting procedures	Dangerous when exposed to heat or flame. This material can be ignited by flame or spark. Vapors are heavier than air and may travel along the ground to some distant source of ignition and flash back. Empty containers may retain product residue including Flammable or Explosive vapors. Do not cut, drill, grind, or weld near full, partially full, or empty product containers.
Dust explosion hazard	None Known.
Sensitivity to mechanical impact	Container could potentially burst or be punctured upon mechanical impact, releasing potentially flammable vapors.
Unusual fire & explosion hazards	During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water.
Fire Fighting equipment/instructions	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Flash Point	nonflammable
Flammability limits in air	mixture not established

6. ACCIDENTAL RELEASE MEASURES

Emergency action	Evacuate the area promptly and keep upwind of the spilled material. Isolate the spill area to prevent people from entering. Wear appropriate protective equipment and clothing during clean-up.
Containment	Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with non-flammable absorbent and place in closed chemical waste containers.

7. Handling & Storage

For Commercial Use Only- Not Packaged or Labeled for Home Use!

Handling	Keep this product away from heat, sparks, or open flame. Avoid getting this material into contact with your skin and eyes. Avoid breathing mists or aerosols of this product. Use this product with adequate ventilation. Do not reuse the empty container.
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Storage Store in a cool, dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition. Keep out of direct sunlight. Do not store above 120 F (49 C).

Empty container precaution Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

Eye protection Wear goggles or safety glasses with side shields.

Skin and body protection Impervious gloves should be used when handling this product. Use of protective coveralls and long sleeves is recommended.

Respiratory Protection Use NIOSH approved respiratory protection. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator.

General Use good hygiene practices in handling this material.

Exposure Limits

Component (s)	ACGIH TLV	OSHA PELs	OTHER
Methylene Chloride	50ppm	25 ppm	125ppm STEL
Methanol	200 ppm TWA skin	200 ppm TWA skin	poison (OSHA)
Isopropanol	400 ppm	400 ppm	

9. PHYSICAL & CHEMICAL PROPERTIES

Solubility	not established	Evaporation Rate	not established
Specific Gravity	1.1	Boiling Point	not established
pH	n/a	Density	9.174 lbs per gallon
Physical State	liquid gel	Odor	chlorinated
		Color	opaque liquid

10. STABILITY & REACTIVITY

Hazardous polymerization Will not occur.

Conditions to avoid Keep away from sources of ignition. Avoid contact with strong oxidizers, reducers, acids, and alkalis.

Stability This product is stable under normal conditions.

11. Toxicological Information

Methylene Chloride	Acute Hazard; Chronic Hazard	(SARA 311, 312)
Toluene	Acute Hazard; Chronic Hazard	(SARA 311, 312)
Methanol	Acute Hazard; Chronic Hazard	(SARA 311, 312)

12. ECOLOGICAL INFORMATION

Reporting Quantities:	EPA regulations 40 CTR 302:
Toluene	7,692 lbs
Methylene Chloride	1,428 lbs
Methanol	41,500 lbs

13. DISPOSAL CONSIDERATIONS

We make no guarantee of warranty of any kind that the use of disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Waste Disposal

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

14. TRANSPORT INFORMATION

Domestic Paint related Material, 8, UN 3066, PGII

15. REGULATORY INFORMATION

The information in this MATERIAL SAFETY DATA SHEET is pursuant to 29 CFR 1910.1200 to convey information concerning the hazardous nature of this product. The information supplied was compiled from the most reliable sources available at the time of preparation and in light of the most reasonable foreseeable exposure situations expected from the intended use of this product. The material(s) may present greater or lesser hazard under other circumstances that are beyond the control of the manufacturer. Therefore it is imperative that all direction and warnings on the label be read and understood.

16. OTHER INFORMATION

HMS HAZARD RATING

HEALTH 3

FLAMMABILITY 1

PHYSICAL HAZARD 0

PERSON PROTECTION H

(H= safety glasses, gloves, vapor respirator, synthetic apron)