



Safety Data Sheet

Grrrizzly Heavy Duty Fast Acting Paint Stripper

1. Identification

Product identifier :	Grrrizzly Heavy Duty Fast Acting Paint Stripper
Supplier:	Twin Chemicals Inc.
Address:	173 Hickory Springs Industrial Dr, Canton, GA 30115, USA
Phone number:	1-800-442-4958
Available Hours:	9h00 – 16h30 Monday to Friday
Emergency 24 hour phone number:	CHEMTREC : (800) 424-9300
Recommended use:	Extremely strong stripper for paint, glue, varnish.
Restrictions of use:	ALWAYS use in a well-ventilated area with proper personal protection equipment. For professional use only

2. Hazard identification

Signal word: DANGER

Product classification:



Carcinogenicity-Category 1B. Specific target organ toxicity – single exposure-Category 1. Specific target organ toxicity – repeated exposure-Category 1. Reproductive toxicity-Category 1B.

Acute toxicity-oral-Category 4. Skin irritation-Category 2. Serious eye irritation-Category 2A. Specific target organ toxicity – single exposure-Category 3 Narcotic effects.

Hazard statements:

- May cause cancer.
- Causes damage to organs (eyes)
- Causes damage to organs (lung, liver and kidney) through prolonged or repeated exposure. May damage fertility or the unborn child.
- Harmful if swallowed.
- Causes serious eye irritation.
- Causes skin irritation.
- May cause drowsiness or dizziness.

Precautionary statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, vapors and spray. Avoid breathing mist, vapours, and spray. Wash hands thoroughly after handling and any other part of the body that may have been exposed to the product. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye and face protection.



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Response: IF SWALLOWED: Call a doctor. Rinse mouth. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice. IF exposed or concerned: Call a POISON CENTER or a doctor. Call a POISON CENTER ou doctor if you feel unwell.

Storage: Store in a well ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations, as an halogenated solvent waste..

Other hazards: None significant

3. Composition

No	CAS No	Common name and synonyms	Concentration % (w/w)
1	75-09-2	Methylene chloride	65.00 - 85.00
2	67-56-1	Methanol	5.00 - 10.00
3	8052-41-3	Stoddard solvent	1,00 - 5,00
4	108-88-3	Toluene.	1,00 - 5,00

The actual concentration range is withheld as a trade secret.

4. First-aid measures

If swallowed or if symptoms of overexposure occurs during use of this product, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.

Skin contact: Remove contaminated clothing immediately. Wash the skin with soap and water. Thoroughly wash contaminated clothing. If irritation persists, consult a doctor.

Inhalation: Make sure the victim is accompanied. Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion: Wash out mouth with water. 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.

Symptoms: Red eyes, itching, blurred vision and tearing if directly exposed. Inhalation symptoms will resemble to drunkenness: decreased concentration and memory, sleep disturbances, irritability, headaches, nausea, vomiting and dizziness. Severe intoxication can lead to liver damage and death through hyperthermic coma and convulsions.

Effects (acute or delayed): Ingestion can lead to severe damage to vision acuity and even blindness. Will painfully, but reversibly irritate the eyes and skin if exposed directly. Will generate a narcotic effect if inhaled in large quantities. Alcohol consumption's effects will be increased after exposure and is strongly unadvised. Known to cause liver and kidney damages throug long term exposure.

Immediate medical attention and special treatment: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled,



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5. Fire-fighting measures

Suitable extinguishing media: B type fire extinguisher is required. Sand and vermiculite are also a suitable. Water can only be used safely as a mist

Unsuitable extinguishing media: Direct jet of water should never be used directly on a solvent fire.

Specific hazards arising from the hazardous product: Non flammable in normal conditions, but, WILL RELEASE FATAL PHOSGENE FUMES IF BURNED,

Hazardous combustion products: Phosgene, Hydrogen chloride, Carbon monoxide and dioxide.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or if you do not have suitable training or protection. Put on appropriate personal protective equipment (see Section 8) Evacuate surrounding areas. **Ventilate the spilling area. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated.**

Emergency procedures: Begin by controlling the spread of the spill using absorbent pad, sand, vermiculite or any suitable absorbent. Control the vapor formation by spreading solvent absorbing material all over the spill. Inform the relevant authorities if the product has caused environmental pollution.

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Contain leaks and pick up with non-combustible absorbent materials such as earth oil pads and moss-based absorbent. Dispose of spill material accordingly to local regulations as a flammable waste.

7. Handling and storage

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Workers should wash hands and face before eating, drinking and smoking.). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated clothing and protective equipment before entering eating areas. **Avoid exposure through any routes : Inhalation, skin contact, ingestion , cross contamination-** obtain special instructions before use.. Do not ingest. **Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated.** Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials; This product attacks paint, varnish, plastics and any kind of coating that it gets in contact with. Heating elements from ventilation must be adequately protected from this product's vapor as they will generate highly corrosive hydrogen chloride gas when in contact. Metal storage cabinet is suitable for this product as well as HDPE plastic.

Incompatibility: Violently react with fine divided metals and reactive metal zinc dust and magnesium rods are example of plausible incompatible. This product is also incompatible with strong base and oxidizers.



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8. Exposure Controls/ Personal protection

United States

No	CAS No	Common name and synonyms	IDLH NIOSH	Regulatory Limits			Recommended Limits	
				OSHA PEL		California / OSHA PEL	NIOSH REL	ACGIH ® 2019 TLV ®
				ppm	mg/m ³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
1	75-09-2	Methylene chloride	7990	N/A	N/A	N/A	N/A	N/A
2	67-56-1	Methanol	6000	200	260	200 ppm (ST) 250 ppm (C) 1000 ppm	200 ppm (ST) 250 ppm	200 ppm (ST) 250 ppm
3	8052-41-3	Stoddard solvent	20000	500	2900	100 ppm	350 mg/m ³ (C) 1800 mg/m ³ [15-min]	100 ppm
4	108-88-3	Toluene.	1885	N/A	N/A	N/A	N/A	N/A

IDLH: Immediately Dangerous to Life or Health Concentrations

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limits

California / OSHA: California Division of Occupational Safety and Health

REL: Recommended Exposure Limits

ACGIH ®: American Conference of Governmental Industrial Hygienists

TLV ®: Threshold Limit Values

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: DO NOT WEAR CONTACT LENSES Wear safety goggles.

Hands: Chemical-resistant reusable gloves are necessary to handle this chemical. *Super Remover Stripping gloves* are suitable and provide adequate hand protection to handle this kind of product. Will readily permeate through nitrile disposable gloves.

Respiratory: Organic vapor protection cartridges are suitable. Highly volatile compounds (such as methylene chloride, acetone and methyl acetate) will reduce the service time of the cartridges. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

Québec only: Care must be taken to minimize exposure, according to Section 42 of RROHS. An example of these measures includes the single use of respiratory cartridges.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.



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9. Physical and chemical properties

Appearance: Gel-like liquid

Colour: Clear

Odour: Sweet, ether-Like

Odor threshold: 214 ppm

pH: Not applicable

Acid reserve: Not applicable

Alkali reserve: Not applicable

Melting/Freezing point: -97 °C (-142 °F) Initial

Boiling point/boiling range: 40 °C (104 °F)

Flash point: Not applicable

Flammability (Solid, Gas): Not applicable

Lower flammable/explosive limit: Not-applicable

Upper flammable/explosive limit: Not applicable

Auto-ignition temperature: > 400 °C (> 752 °F)

Evaporation rate: 4.3 (Butyl acetate = 1)

Vapour pressure: 3.49 mmHg at 20 °C

Vapour density: 2,00 (air = 1)

Specific gravity: 1.211 kg/L at 20 °C (water = 1)

Solubility in water: Partial

Partition coefficient – n-octanol/water (Log Kow): -1.24

Decomposition temperature: 120 °C (248 °F)

Kinematic viscosity: > 40 mm²/s (at 25 °C) (product boils at 40 °C)

10. Stability and reactivity

Reactivity: Exposure to direct sunlight can cause the formation of carbon monoxide and phosgene.

Chemical stability: Stable under recommended conditions of storage and handling. Long term exposure to direct sunlight may lead to carbon monoxide formation.

Possibility of hazardous reactions: No dangerous or polymerization reactions will not occur under normal conditions of use. Danger of explosion when heated. Acetone reacts violently with chlorinating agents to generate toxic chlorinated hydrocarbon.

Conditions to avoid: Static electricity or any ignition sources, KEEP AWAY FROM OXIDIZING material

Incompatible materials: This product attacks certain types of plastic, rubber or coatings.

Hazardous decomposition products: Carbon monoxide and dioxide. Hydrochloric acid and Phosgene.



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11. Toxicological information

No	CAS No	Common name and synonyms	LD ₅₀ oral mg/kg	LD ₅₀ skin mg/kg	LC ₅₀ inhalation ppmV 4h - gases	LC ₅₀ inhalation mg/l 4h - vapours	LC ₅₀ inhalation mg/l 4h - dusts-mist
1	75-09-2	Methylene chloride. Dichloromethane	1410	> 2000	N/A	49.5	> 10.00
2	67-56-1	Methyl alcohol. Methanol	100	15800	N/A	59.50	> 9.5
3	8052-41-3	Stoddard solvent	> 5000	> 3000	N/A	> 20.00	> 5.50
4	108-88-3	Toluene. Methyl benzene	5600	12000	N/A	30.15	> 7.50

Routes of exposure: This product is absorbed through the respiratory tract, skin and gastrointestinal tract.

Symptoms: Euphoria and desorientation. The main symptoms of intoxication include headache, nausea, vomiting, weakness, loss of appetite, fatigue, sweating, fever, tachycardia and dyspnea. In the most severe cases, convulsions, hyperthermic coma, liver damage are reported and sometimes death.

Delayed and immediate effects: Can cause major depression of the central nervous system. May cause lung, liver and kidney damage. Moderate to severe irritation of the eyes and skin. Significant changes in visual acuity and even blindness.

Respiratory and skin sensitization: This product is not a respiratory or skin sensitizer.

No	CAS No	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction
1	75-09-2	Methylene chloride. Dichloromethane	2A	A2	The data do not allow for an adequate assessment of mutagenic effects.	Experimental teratogen.
2	67-56-1	Methyl alcohol. Methanol	4	A5	The data do not allow for an adequate assessment of mutagenic effects.	Possible risk of impaired fertility. Possible risk of harm to the unborn child.
3	8052-41-3	Stoddard solvent	3	A4	The data do not allow for an adequate assessment of mutagenic effects.	No effects shown.
4	108-88-3	Toluene. Methyl benzene	3	A4	The data do not allow for an adequate assessment of mutagenic effects.	It has an embryotoxic and / or fetotoxic in animals. It can cause sperm damage in animals.



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Cancer classification under IARC (International Agency for Research on Cancer)

- Group 1: carcinogenic to humans.
- Group 2A: probably carcinogenic to humans.
- Group 2B: possibly carcinogenic to humans.
- Group 3: not classifiable as to its carcinogenicity to humans.
- Group 4: probably not carcinogenic to humans.

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

- Group A1: confirmed human carcinogen.
- Group A2: suspected human carcinogen.
- Group A3: confirmed animal carcinogen with unknown relevance to humans.
- Group A4: not classifiable as a human carcinogen.
- Group A5: not suspected as a human carcinogen.

12. Ecological information

No	CAS No	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity
1	75-09-2	Methylene chloride. Dichloromethane	5-10	Yes	No	No
2	67-56-1	Methyl alcohol. Methanol	5-10	Yes	No	No
3	8052-41-3	Stoddard solvent	1-5	No	Yes	Yes
4	108-88-3	Toluene. Methyl benzene	1-5	Yes	No	Yes

No	CAS No	Common name and synonyms	%	Ecotoxicity for aquatic organisms - Short term	Ecotoxicity for aquatic organisms - Long term	Environmental effects
1	75-09-2	Methylene chloride. Dichloromethane	65-85	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
2	67-56-1	Methyl alcohol. Methanol	5 -10	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
3	8052-41-3	Stoddard solvent	1-5	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
4	108-88-3	Toluene. Methyl benzene	1-5	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor **as an halogenated solvent waste**. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally.



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14. Transport information

	TDG	DOT	IMDG	IATA
UN Number	1593	1593	1593	1593
Proper shipping name	DICHLOROMETHANE	DICHLOROMETHANE	DICHLOROMETHANE	DICHLOROMETHANE
Transport hazard class(es)	6.1	6.1	6.1	6.1
Packing group	III	III	III	III

United States - Reportable Quantities (RQ)

No	CAS No	Common name and synonyms	RQ lbs (kg)
1	75-09-2	Methylene chloride. Dichloromethane	1000 (454)
2	67-56-1	Methyl alcohol. Methanol	5000 (2270)
3	108-88-3	Toluene. Methyl benzene	1000 (454)

Other information

Marine pollutant: No

Exemption for limited quantity: 5 L - 49 CFR 173.153(b)(2)

Packaging and labeling in accordance with 49 CFR 173.27(f)(2) and 49 CFR 172.315(a)

Special precautions: Not applicable

Other exemptions: Not applicable

15. Regulatory information

Canada

No	CAS No	Common name and synonyms	%	DSL	NDSL	NPRI
1	75-09-2	Methylene chloride. Dichloromethane	65.00 - 85.00	X		X
2	67-56-1	Methyl alcohol. Methanol	5.00 - 10.00	X		X
3	8052-41-3	Stoddard solvent	2.90	X		X
4	108-88-3	Toluene. Methyl benzene	2.20	X		X

United States

No	CAS No	Common name and synonyms	%	TSCA	PROP-65	RTK
1	75-09-2	Methylene chloride. Dichloromethane	65.00 - 85.00	X R**	X	
2	67-56-1	Methyl alcohol. Methanol	5.00 - 10.00	X	X	X
3	8052-41-3	Stoddard solvent	2.90	X		X
4	108-88-3	Toluene. Methyl benzene	2.20	X	X	X

R**: TSCA restriction, see next page for details



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Methylene chloride Restriction under TSCA rule:

After February 3, 2025, this chemical substance (as defined in TSCA section 3(2))/ product cannot be distributed in commerce to retailers. After January 28, 2026, this chemical substance (as defined in TSCA section 3(2))/product is and can only be distributed in commerce or processed with a concentration of methylene chloride equal to or greater than 0.1% by weight for the following purposes:

- (1) Processing as a reactant;
 - (2) Processing for incorporation into a formulation, mixture, or reaction product;
 - (3) Processing for repackaging; (4) Processing for recycling; (5) Industrial or commercial use as a laboratory chemical;
 - (6) Industrial or commercial use as a bonding agent for solvent welding;
 - (7) Industrial and commercial use as a paint and coating remover from safety critical, corrosion- sensitive components of aircraft and spacecraft;
 - (8) Industrial and commercial use as a processing aid;
 - (9) Industrial and commercial use for plastic and rubber products manufacturing;
 - (10) Industrial and commercial use as a solvent that becomes part of a formulation or mixture, where that formulation or mixture will be used inside a manufacturing process, and the solvent (methylene chloride) will be reclaimed;
 - (11) Industrial and commercial use in the refinishing for wooden furniture, decorative pieces, and architectural fixtures of artistic, cultural or historic value until May 8, 2029;
 - (12) Industrial and commercial use in adhesives and sealants in aircraft, space vehicle, and turbine applications for structural and safety critical non-structural applications until May 8, 2029;
 - (13) Disposal;
- and
- (14) Export.

16. Other information

Date: 2024-09-18

Version: 3

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