

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

GHS Product Identifier	Rapid Remover
Chemical Name	Not applicable
Trade name	Rapid Remover
CAS No.	Mixture
EINECS No.	Mixture
REACH Registration No.	Not available

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified use(s)	Users are recommended to seek further advice.
Uses advised against	Users are recommended to seek further advice.

1.3 Supplier's details

Company Identification	Rapid Tac
Address	186 Combs Dr, Merlin, OR 97532 USA
Telephone	(541) 474-1113
E-Mail (competent person)	mail@rapidtac.com

1.4 Emergency telephone number – ChemTel Inc.

Emergency Phone No. (800) 255-3924 (US/Canada), (813) 248-0585 (Elsewhere)

**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

2.1.1 Regulation (EC) No. 1272/2008 (CLP) - Flammable Liquid 3, Skin Irritant 2, Eye Irritant 2, Skin Sensitizer 1, Aspirant Hazard 1, Environment Acute 1, Environment Chronic 1 (2.6/3, 3.2/2, 3.3/2, 3.4/1, 3.10/1, 4.1/1)

2.1.2 Directive 67/548/EEC & Directive 1999/45/EC – Flammable, Harmful, Harmful to Environment

2.2 Label elements**2.2.1 Label****elements**

According to Regulation (EC) No. 1272/2008 (CLP)

GHS Product Identifier (EU)

Hazard pictogram(s)



Signal word(s)

WARNING

Hazard

statement(s)

H226: Flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H335: May cause respiratory irritation.
 H400: Very toxic to aquatic life.
 H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s)

P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
 P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.2.2 Label elements *According to Directive 67/548/EEC & Directive 1999/45/EC*

Hazard Symbol



Risk Phrases R10: Flammable.
R36/37/38: Irritating to eyes, respiratory system and skin.
R43: May cause sensitization by skin contact.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65: Harmful: may cause lung damage if swallowed.

Safety Phrases S16: Keep away from sources of ignition - No smoking.
S24/25: Avoid contact with skin and eyes.
S36: Wear suitable protective clothing.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53: Avoid exposure - obtain special instructions before use.
S60: This material and its container must be disposed of as hazardous waste.
S61: Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

2.3 Other hazards **Hazardous under OSHA Hazard Communication Standard (USA) –**
Flammable Liquid, Irritant, Sensitizer, Aspirant Hazard
HMIS: Health-2*, Flammability-2 Reactivity – 0**WHMIS Classification (Canada): Hazardous under WHMIS**

Class B, Division 3, Combustible Liquid
Class D, Division 1, Subdivision B, Toxic Material
Class D, Division 2, Subdivision A, Very Toxic Material
Class D, Division 2, Subdivision B, Toxic Material

**GHS Classification (USA/Canada):**

H227: Combustible liquid and vapour.
H303: May be harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H410: Very toxic to aquatic life with long lasting effects.




2.4 Additional Information

Potential Health Effects




Inhalation	May cause irritation, drowsiness or dizziness. Aspiration hazard
Eye Contact	May cause serious eye irritation.
Skin Contact	May cause skin irritation. Sensitizer.
Ingestion	May be harmful if swallowed. Causes nausea, vomiting, and diarrhea. May be harmful if swallowed and enters airways.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification No. 1272/2008/EC

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)	
d-Limonene	20-40	5989-27-5	227-813-5	NA		2.6/3, 3.2/2, 3.4/1, 4.1/1, 4.2/1 : H226, H315, H317, H400, H410
Blended Naphtha	40-60	64742-47-8 64742-89-8 8052-41-3	265-149-8 265-192-2 232-489-3	NA		2.6/3, 3.10/1 : H226, H304
Glycol Ether	10-30	1569-01-3	216-372-4	NA		2.6/3, 3.2/2, 3.3/2, 3.8/3 : H226, H315, H319, H335
Non-hazardous Ingredients	<10	NA	NA	NA	None	None

EC Classification No. 67/548/EEC

Hazardous ingredient(s)	% W/W	CAS No.	EC No.	REACH Registration No.	EC Classification and Risk Phrases	
d-Limonene	20-40	5989-27-5	227-813-5	NA		F, Xi, Xn, N: R10, R38, R43, R50/53
Blended Naphtha	40-60	64742-47-8 64742-89-8 8052-41-3	265-149-8 265-192-2 232-489-3	NA		F, Xn: R10, R65
Glycol Ether	10-30	1569-01-3	216-372-4	NA		F: R10, R36/37/38
Non-hazardous Ingredients	<10	NA	NA	NA	None	None

3.3 Additional Information

- For full text of H/P phrases see section 16. For full text of R phrases see section 16. Non-Hazardous ingredients are not listed and make up the balance of the product.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove patient from exposure. Keep patient at rest and give oxygen if breathing difficult. If symptoms develop, obtain medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 15 minutes. Obtain immediate medical attention.
Ingestion	Do not induce vomiting. Make victim drink plenty of water. Obtain immediate medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Acute: May cause irritation to eyes and skin. May cause drowsiness and dizziness. May cause headache, nausea and vomiting. Aspiration of droplets may cause pulmonary oedema.
Delayed and chronic effects: Generally similar to acute effects. Allergic contact dermatitis may be seen in sensitive individuals following repeated exposures. Repeated and/or prolonged contact may cause dermatitis.

4.3 Indication of the immediate medical attention and special treatment needed

Treat symptomatically. No data available.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable Extinguishing Media Extinguish preferably with foam, carbon dioxide or dry chemical.
Unsuitable Extinguishing Media Water streams.
- 5.2 Special hazards arising from the substance or mixture** Product is flammable and a slip hazard.
- 5.3 Advice for fire-fighters** A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Ensure full personal protection (including respiratory protection) during removal of spillages. Eliminate all ignition sources if safe to do so.
- 6.2 Environmental precautions** Do not release large quantities into the surface water or into drains. Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up** Wear suitable protective clothing, gloves and eye/face protection. Remove or make safe all sources of ignition. Absorb remaining liquid in sand or inert absorbent and remove to safe place. Do NOT absorb in saw-dust or other combustible absorbents. Treat absorbed product as flammable.
- 6.4 Reference to other sections** See Also Section 7, 8, 13.
- 6.5 Additional Information** None

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid breathing fumes. Avoid ingestion. Use only in well-ventilated areas. Avoid inhalation of high concentrations of vapours. Keep away from oxidising agents. Keep away from fire, sparks and heated surfaces - no smoking.
- 7.2 Conditions for safe storage, including any incompatibilities** Store in a well-ventilated place. Do not use or store near heat or open flame. Do not store and transport with oxidizers etc.
- Storage Temperature Ambient temperatures.
Storage Life Not available
Incompatible materials Oxidizing agents, Strong Acids
- 7.3 Specific end use(s)** Consult the supplier.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
d-Limonene	5989-27-5	NE	NE	NE	NE	None
		NE	NE	NE	NE	None
Blended Naphtha	64742-47-8	100 (8052-41-3)	NE	NE	NE	ACGIH TLV
	64742-89-8 8052-41-3	500 (8052-41-3)	2900 (8052-41-3)	NE	NE	OSHA
Glycol Ether	1569-01-3	NE	NE	NE	NE	None
		NE	NE	NE	NE	None

8.1.2 Biological limit value

Biological limit values are not available for this product.

8.1.3 PNECs and DNELs

No PNECs and/or DNELs are available for this product.

8.2 Exposure controls

8.2.1 Appropriate engineering controls Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

8.2.2 Personal protection equipment

Eye/face protection Safety spectacles.



Skin protection
(Hand protection/
Other) Plastic or synthetic rubber gloves. Wear chemical resistant apron.



Respiratory protection Wear suitable respiratory protective equipment if exposure to levels above the occupational exposure limit is likely.

Thermal hazards Flammable liquid.

8.2.3 Environmental Exposure Controls

Adequate ventilation must be used. Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance	Clear Liquid	Colour	Clear.
Odour	Citrus	Odour Threshold (ppm)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available	Boiling point/boiling range (°C):	Not available
Flash Point (°C)	48°C / 110°F	Explosive limit ranges	Not available
Auto Ignition Temperature (°C)	Not available	Decomposition Temperature (°C)	Not available
Explosive properties	Not available	Oxidising properties	Not available
Flammability (solid, gas)	Flammable	pH (Value)	7.5-9.0
Evaporation rate	Not available	Vapour Pressure (mm Hg)	Not available
Vapour Density (Air=1)	Not available	Density (g/ml)	0.833
Solubility (Water)	Dispersible in water..	Solubility (Other)	Complete (hydrocarbons)
Partition Coefficient (n-Octanol/water)	Not available	Viscosity (mPa.s)	Not available

9.2 Other information VOC = 783 g/L

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Slight
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Can react violently if in contact with - Oxidizing agents.
10.4 Conditions to avoid	Avoid contact with heat and ignition sources.
10.5 Incompatible materials	Bleaching products and comparable oxidisers,
10.6 Hazardous Decomposition Product(s)	Carbon monoxide, Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	CAS No.	LD ₅₀ (Oral, Rat)	LC ₅₀ (Inhalation, Rat)
d-Limonene	5989-27-5	4400 mg/kg	NE
Blended Naphtha	64742-47-8 64742-89-8 8052-41-3	>5000 mg/kg Estimated	1400 ppm / 8H (8052-41-3)
Glycol Ether	1569-01-3	2500 mg/kg	NE

11.1 Information on toxicological effects**11.1.2 Mixtures**

Acute toxicity	May be harmful if swallowed. May cause drowsiness and dizziness.
Irritation	Causes serious eye irritation. Causes skin irritation. Sensitizer to skin.
Corrosivity	Not to be expected.
Sensitisation	Sensitizer to skin.
Repeated dose toxicity	Moderate probability to contact dermatitis through repeated exposures..
Carcinogenicity	Slight hazard due to trace compounds in Naphtha.
Mutagenicity	Slight hazard due to trace compounds in Naphtha
Toxicity for reproduction	Slight hazard due to trace compounds in Naphtha
11.2 Other information	None

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment..Special toxicity noted for crustacean species.
12.2 Persistence and degradability	Moderate.
12.3 Bioaccumulative potential	Moderate.
12.4 Mobility in soil	Moderate.
12.5 Results of PBT and vPvB assessment	No data.
12.6 Other adverse effects	Poses slight to moderate risk to waterfowl.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Send to a licensed recycler, reclaimer or incinerator. Avoid release to the environment. Incineration may be used to recover energy value.
13.2 Additional Information	None

SECTION 14: TRANSPORT INFORMATION**Land transport (ADR/RID) (a)(b)(c)**

UN number	UN1263
Proper Shipping Name	Paint related material
Transport hazard class(es)	3
Packing Group	III
Hazard label(s)	Flammable Liquid
Environmental hazards	None
Special precautions for user	None

Sea transport (IMDG) (a)(b)(c)

UN number	UN1263
Proper Shipping Name	Paint related material
Transport hazard class(es)	3
Packing Group	III
Marine Pollutant	Yes
Special precautions for user	None

Land transport (Within USA) (a)(b)(c)

UN number	Exempt under 49CFR173.150(f)
Proper Shipping Name	Not regulated
Transport hazard class(es)	None
Packing Group	None
Hazard label(s)	None
Environmental hazards	None
Special precautions for user	

Air transport (ICAO/IATA) (a)(b)(c)

UN number	UN1263
Proper Shipping Name	Paint related material
Transport hazard class(es)	3
Packing Group	III
Environmental hazards	None
Special precautions for user	None

*(a)– Consult with transport provider.**(b)- Exemptions may apply to products in non-bulk (<450L or 119 US gal) packages only..**(c)– Consult with shipper regarding large quantities of product.***Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**15.1.1 EU regulations**

Authorisations and/or restrictions on use	Consult the supplier.
European Union (EINECS/ELINCS)	All chemicals listed
WGK number	Not Applicable.

15.1.2 National regulations**USA**

TSCA (Toxic Substance Control Act)	All chemicals listed
SARA 311/312 - Hazard Categories	Flammable, Acute Health.
SARA 302 - Extremely Hazardous Substances	Listed – None
SARA 313 - Toxic Chemicals	Listed as Glycol Ethers.
CERCLA (Comprehensive Environmental Response Compensation and Liability Act)	Listed as Glycol Ethers. RQ = 24000 lbs. for product.
CAA (Clean Air Act 1990)	Listed – None
CWA (Clean Water Act)	Listed – None
State Right to Know Lists	Listed – MA, NJ, PA
Proposition 65 (California) - WARNING: This product contains benzene and ethylbenzene, chemicals known to the state of California to cause cancer. TRACE AMOUNTS <0.01%	

Canada

WHMIS Classification	Class B, Division 3, Combustible Liquid Class D, Division 1, Subdivision B, Toxic Material Class D Division 2, Subdivision A, Very Toxic Material Class D, Division 2, Subdivision B, Toxic Material
Canada (DSL/NDSL)	Listed - DSL
Canada Ingredient Disclosure List (CIDL)	Listed as required.

15.2 Chemical Safety Assessment: COMBUSTIBLE LIQUID, EYE & SKIN IRRITANT, SKIN SENSITIZER, RESPIRATORY IRRITANT, ASPIRATION HAZARD< ENVIRONMENTAL HAZARD

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

ACGIH	American Conference of Governmental Industrial Hygienists	NA	not applicable, not available
AICS	Australian Inventory of Chemical Substances	NIOSH	National Institute for Occupational Safety and Health
ANSI	American National Standards Institute	ND	not determined
atm	atmosphere (pressure unit)	NFPA	National Fire Prevention Association
BOD	biological oxygen demand	NTP	National Toxicology Program
CAS	Chemical Abstracts Service	OC	open cup
CC	closed cup	OSHA	Occupational Safety and Health Administration
CDTA	Chemical Drug and Trafficking Act	Part	partition
COC	Cleveland Open Cup	PEL	permissible exposure limits
COD	chemical oxygen demand	ppb	parts per billion
coeff.	coefficient	PPE	personal protective equipment
CFR	Code of Federal Regulations	ppm	parts per million
CPR	cardio-pulmonary resuscitation	psi	pounds per square inch
DEA	Drug Enforcement Agency	RCRA	Resource Conservation and Recovery Act
DOT	Department of Transportation	RQ	Reportable quantity
DSCL	Dangerous Substances Classification and Labeling	RTK	Right to Know
EEC	European Economic Community	SARA	Superfund Amendments and Reauthorization Act
FDA	Food and Drug Administration	STEL	short-term exposure limit
HMIS	Hazardous Materials Information System	SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons (Australia)
IARC	International Agency for Research on Cancer	TCC	Tagliabue Closed Cup
IDLH	immediate danger to life or health	TDG	Transportation of Dangerous Goods
kg	kilogram	TPQ	threshold planning quantity
L	liter	TQ	threshold quantity
LC50	median lethal concentration	TSCA	Toxic Substances Control Act
LD50	median lethal dose	TWA	time-weighted average
LEL	lower explosive limit	UEL	upper explosive limit
mg	milligram	WES	Workplace Exposure Standard (New Zealand)
mL	milliliter	WHMIS	Workplace Hazardous Material Information System

References: RTECS, CAS Registry, EINECS/ESIS, *Casarett & Doull's Toxicology*, *Goldfrank's Toxicologic Emergencies*, Manufacturer Information

Risk Phrases and Safety Phrases

R10: Flammable.

R36/37: Irritating to eyes and respiratory system.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitization by skin contact.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

S16: Keep away from sources of ignition - No smoking.

S24/25: Avoid contact with skin and eyes.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash immediately with plenty of water.

S36: Wear suitable protective clothing

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53: Avoid exposure - obtain special instructions before use.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

Hazard statement(s) and Precautionary statement(s)

H226: Flammable liquid and vapour.

H227: Combustible liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

P210: Keep away from heat, sparks, open flame, hot surfaces - No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash (hands and exposed skin) thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P281: Use personal protective equipment as required.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P304 + P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P307 + P311: If exposed: Call a POISON CENTRE or doctor/physician.

Training advice: None

Additional Information: None

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. ChemTel Inc. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. ChemTel Inc. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.