

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

GHS Product Identifier **Rapid Tac II Application Fluid**  
 Chemical Name Not applicable  
 Trade name **Rapid Tac II Application Fluid**  
 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](mailto: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) - Eye Irritant 2, STOT-SE 3 (3.3/2, 3.8/3)**

**2.1.2 Directive 67/548/EEC & Directive 1999/45/EC – Irritant/Harmful**

**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

H319: Causes serious eye irritation.

statement(s)

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

Precautionary

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

Statement(s)

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.

**2.2.2 Label elements**

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

Hazard Symbol



Risk Phrases

R36/37: Irritating to eyes and respiratory system.

R67: Vapours may cause drowsiness and dizziness.

Safety Phrases

S25: Avoid contact with eyes.

**2.3 Other hazards** **Hazardous under OSHA Hazard Communication Standard (USA) –Irritant**  
**HMIS: Health-1\*, Flammability-0 Reactivity – 0**

# SAFETY DATA SHEET

## Rapid Tac II Application Fluid

**WHMIS Classification (Canada): Hazardous under WHMIS**  
Class D, Division 2, Subdivision B, Toxic Material



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

H316: Causes mild skin irritation.  
H319: Causes serious eye irritation.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.

### 2.4 Additional Information

**Potential Health Effects**

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

## 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)	
Glycol Ether	20-40	107-98-2	203-539-1	NA		2.6/3, 3.8/3 : H226, H336
Glycol Ether	5-15	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	45-75	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	
Glycol Ether	20-40	107-98-2	203-539-1	NA		F: R10, R67
Glycol Ether	5-15	1569-01-3	216-372-4	NA		F: R10, R36/37/38
Non-hazardous Ingredients	45-75	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 Unlikely route of exposure. 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.  
**Delayed and chronic effects:** Chronic ethanol ingestion is characterized by steatosis and/or cirrhosis of the liver. Concurrent with these findings are damage to the kidneys and/or pancreas. Ethanol also is implicated as a reproductive toxin when ingested. These conditions are not generally observed in non-ingestion cases of ethanol exposure.
- 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 waterspray, fog or foam.
- Unsuitable Extinguishing Media None
- 5.2 Special hazards arising from the substance or mixture** None anticipated
- 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** Wear suitable protective clothing, gloves and eye/face protection.
- 6.3 Methods and material for containment and cleaning up** Remove or make safe all sources of ignition. Absorb remaining liquid in sand or inert absorbent and remove to safe place.
- 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.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep away from fire, sparks and heated surfaces - no smoking.  
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, Water-reactive agents
- 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Glycol Ether	107-98-2	100	NE	150	NE	ACGIH
		100	360	150	540	OSHA Z-1
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 None

**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	Liquid	Colour	Green.
Odour	Minty Vanilla	Odour Threshold (ppm)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available	Boiling point/boiling range (°C):	Not available
Flash Point (°C)	Not available	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)	Not available	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)	< 1.0
Solubility (Water)	Complete.	Solubility (Other)	Partial (Hydrocarbons)
Partition Coefficient (n- Octanol/water)	Not available	Viscosity (mPa.s)	Not available

**9.2 Other information** VOC = 216 g/L

**SECTION 10: STABILITY AND REACTIVITY**

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

## SECTION 11: TOXICOLOGICAL INFORMATION

Ingredient	CAS No.	LD <sub>50</sub> (Oral, Rat)	LC <sub>50</sub> (Inhalation, Rat)
Glycol Ether	107-98-2	11700 mg/kg	10000 ppm / 5 Hours
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 mild skin irritation.
Corrosivity	Not to be expected.
Sensitisation	Not to be expected.
Repeated dose toxicity	Slight.
Carcinogenicity	Not to be expected.
Mutagenicity	Not to be expected.
Toxicity for reproduction	Not to be expected.

**11.2 Other information**

None

## SECTION 12: ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	No data.
<b>12.2 Persistence and degradability</b>	No data.
<b>12.3 Bioaccumulative potential</b>	No data.
<b>12.4 Mobility in soil</b>	No data.
<b>12.5 Results of PBT and vPvB assessment</b>	No data.
<b>12.6 Other adverse effects</b>	No data.

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>13.1 Waste treatment methods</b>	Send to a licensed recycler, reclaimer or incinerator.
<b>13.2 Additional Information</b>	None

## SECTION 14: TRANSPORT INFORMATION

**Land transport (ADR/RID) (a)(b)(c)**

UN number	None
Proper Shipping Name	Not regulated
Transport hazard class(es)	None
Packing Group	None
Hazard label(s)	None
Environmental hazards	None
Special precautions for user	

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

UN number	None
Proper Shipping Name	Not regulated
Transport hazard class(es)	None
Packing Group	None
Marine Pollutant	None
Special precautions for user	None

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

UN number	None
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	None
Proper Shipping Name	Not regulated
Transport hazard class(es)	None
Packing Group	None
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	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 = 20000 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)	Listed – None

**Canada**

WHMIS Classification	Class D, Division 2, Subdivision B, Toxic Material
Canada (DSL/NDL)	Listed - DSL
Canada Ingredient Disclosure List (CIDL)	Listed as required.

**15.2 Chemical Safety Assessment: POSSIBLE EYE & SKIN IRRITANT, RESPIRATORY IRRITANT**

## 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 (Referenced in Sections 2 and 3)**

R10: Flammable.

R36/37: Irritating to eyes and respiratory system.

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

R67: Vapours may cause drowsiness and dizziness.

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.

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

**Hazard statement(s) and Precautionary statement(s) (Referenced in Sections 2 and 3)**

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

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.

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

**Training advice:** None**Additional Information:** None

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