

Torbot's Tac-Away

SDS Revision Date (mm/dd/yyyy): 03/16/2025

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SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Torbot's Tac-Away**

Other means of identification : 4400061

Recommended use of the chemical and restrictions on use

: Adhesive remover
Restrictions on use: Keep out of reach of children.

Chemical family

: Mixture.

Name, address, and telephone number
of the supplier:

Safetec of America, Inc.

887 Kensington Avenue
Buffalo, NY, USA
14215

Supplier's Telephone # : (716) 895-1822

24 Hr. Emergency Tel # : 1-800-255-3924

Name, address, and telephone number of
the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear gel liquid Mild alcohol odor.

This product is packaged and sold as a consumer product. As such, the Hazcom 2012 standard does not apply [29 CFR 1910.1200(b)(6)((v))]. For informational purposes, this product would have the following OSHA classification; This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Hazard classification

Flammable liquids - Category 2

Serious eye damage/eye irritation - Category 2A

Specific target organ toxicity, single exposure - Category 3 (narcotic effects)

Physical Hazards Not Otherwise Classified (PHNOC) :Not applicable

Health Hazards Not Otherwise Classified (HHNOC) :Not applicable

Label elements

Hazard pictogram(s)



Signal Word

DANGER!

Hazard statement(s)

Highly flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness or dizziness.

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Precautionary statement(s)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking
Keep container tightly closed.
Ground and bond container and receiving equipment.
Take action to prevent static discharges.
Use non-sparking tools.
Use explosion-proof electrical and ventilating equipment.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Avoid breathing fumes or vapors.
Wear protective gloves and eye/face protection.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
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/attention.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
In case of fire: Use water fog, dry chemical, CO₂ or 'alcohol' foam to extinguish.

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

Dispose of contents/container in accordance with local regulation.

Other hazards

Other hazards which do not result in classification: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Isopropanol	Isopropyl alcohol 2-Propanol	67-63-0	80.0 - 100.0
Ethanol	Ethyl alcohol	64-17-5	1.0 - 5.0
Propylene glycol	Propane-1,2-diol 1,2-Dihydroxypropane	57-55-6	1.0 - 5.0
Sodium laureth sulfate	Not available	9004-82-4	<1
Cocamidopropyl Betaine	Coco betaine	61789-40-0	<1
Sodium lauryl sulfate	Not available.	151-21-3	<1
Cocamide MIPA	Not available.	68333-82-4	<1

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTRE or doctor/physician if you feel unwell.
Inhalation : If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
Skin contact : Wash off with warm water and soap. Get medical attention if symptoms occur.

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Eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms persist.

Most important symptoms and effects, both acute and delayed

: Causes serious eye irritation. Symptoms may include tearing, redness and discomfort. Prolonged skin contact may cause dermatitis (rash), characterized by red, dry, itching skin. Inhalation of high concentrations may cause dizziness, disorientation, incoordination, narcosis, nausea or narcotic effects. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Water. Water Spray or Fog. Dry chemicals. Foam. Carbon dioxide (CO2).

Unsuitable extinguishing media

: Do not use water jet, as this may spread burning material.

Special hazards arising from the substance or mixture / Conditions of flammability

: Highly flammable liquid and vapor. Vapors may travel considerable distance to a source of ignition and flash back. Vapors are heavier than air and will settle and collect in low areas and pits, displacing breathing air.

Flammability classification (OSHA 29 CFR 1910.106)

: Flammable liquids - Category 2

Hazardous combustion products

: Carbon oxides and other irritating fumes and smoke.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters should wear proper protective equipment and self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

Special fire-fighting procedures

: Do not breathe mists, vapours or sprays. Cool containers exposed to flames with water until well after the fire is out.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Environmental precautions : Do not allow material to contaminate ground water system.

Methods and material for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the National Response Center in the United States (phone: 1-800-424-8802). US CERCLA Reportable quantity (RQ): See section 15.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

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Conditions for safe storage : Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Incompatible materials : Oxidizing agents. Strong acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:				
Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
Isopropanol	200 ppm	400 ppm	400 ppm (980 mg/m ³)	N/Av
Ethanol	N/Av	1000ppm	1000 ppm	N/Av
Propylene glycol	10 mg/m ³ (AIHA WEEL)	N/Av	N/Av	N/Av
Sodium laureth sulfate	N/Av	N/Av	N/Av	N/Av
Cocamidopropyl Betaine	N/Av	N/Av	N/Av	N/Av
Sodium lauryl sulfate	N/Av	N/Av	N/Av	N/Av
Cocamide MIPA	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Use explosion-proof equipment.

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment. Advice should be sought from respiratory protection specialists.

Skin protection : None required when used as intended.

Eye / face protection : None required when used as intended.

Other protective equipment : None required when used as intended.

General hygiene considerations

: Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes or vapors. Avoid contact with eyes. Do not ingest. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Liquid.

Colour : Colorless

Odour : Mild alcohol odor.

Odour threshold : Not available.

pH : Not available.

Melting Point/Freezing point : Not available.

Initial boiling point and boiling range

: Not available

Flash point : 13°C

Flashpoint (Method) : Closed cup

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Evaporation rate (BuAe = 1) : Not available.
Flammability : Not applicable.
Lower explosion or flammability limit (% by vol.)
: 3.3%
Upper explosion or flammability limit (% by vol.)
: 19%
Oxidizing properties : Not applicable
Explosive properties : Not explosive
Vapour pressure : Not available.
Relative vapour density : Not available.
Relative density / Specific gravity
: Not available.
Solubility in water : Completely soluble.
Other solubility(ies) : No information available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution
: Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : No information available.
Viscosity : Not available.
Particle characteristics : Not applicable.
Volatiles (% by weight) : No information available.
Volatile organic Compounds (VOC's)
: Not available.
Absolute pressure of container
: Not applicable.
Flame projection length : Not applicable.
Other physical/chemical comments
: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not expected to be reactive.
Chemical stability : Material is stable under normal conditions.
Possibility of hazardous reactions
: Hazardous polymerization does not occur.
Conditions to avoid : Keep away from heat, sparks and flame.
Incompatible materials : Oxidizing agents. Strong acids.
Hazardous decomposition products
: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption
: NO

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Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: Inhalation of high concentrations may cause dizziness, disorientation, incoordination, narcosis, nausea or narcotic effects.

Sign and symptoms ingestion

: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sign and symptoms skin

: Direct skin contact may cause slight or mild, transient irritation.

Sign and symptoms eyes

: Causes serious eye irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects

: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

Mutagenicity

: Not expected to be mutagenic.

Carcinogenicity

: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

Sensitization to material

: Not expected to be a skin or respiratory sensitizer.

Specific target organ effects :

May cause drowsiness or dizziness.

Not classified as a specific target organ toxicity - repeated exposure.

Medical conditions aggravated by overexposure

: Not available.

Synergistic materials

: Not available.

Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data. See below for toxicological data on the substance.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Isopropanol	17 000 ppm (41.8 mg/L) (vapour)	4720 mg/kg	12 890 mg/kg
Ethanol	>61mg/L (vapour)	7060 mg/kg	>15800mg/kg
Propylene glycol	> 158 mg/L (aerosol)	21 800 mg/kg	20 800 mg/kg
Sodium laureth sulfate	N/Av	1600 mg/kg	N/Av
Cocamidopropyl Betaine	N/Av	> 5000 mg/kg	> 2000 mg/kg
Sodium lauryl sulfate	>3900 mg/m ³	1280 mg/kg	N/Av
Cocamide MIPA	N/Av	N/Av	N/Av

Other important toxicological hazards

: Not applicable

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: Not expected to be harmful to aquatic organisms. Do not allow material to contaminate ground water system.

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Ecotoxicity data:

<u>Ingredients</u>	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
Isopropanol	67-63-0	9640 mg/L (Fathead minnow)	N/Av	None.
Ethanol	64-17-5	>100mg/L (Fathead minnow)	N/Av	N/Ap
Propylene glycol	57-55-6	46 500 mg/L (Fathead minnow)	N/Av	None.
Cocamidopropyl Betaine	61789-40-0	2 mg/L (Zebra fish)	0.16 mg/L/28-day (Rainbow trout)	None.
Sodium lauryl sulfate	151-21-3	29mg/L (Fathead minnow)	1.36mg/L	None.

<u>Ingredients</u>	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
Isopropanol	67-63-0	> 10 000 mg/L/24hr (Daphnia magna)	30 mg/L	None.
Ethanol	64-17-5	5012mg/L Water flea	N/Av	N/Ap
Propylene glycol	57-55-6	43 500 mg/L (Daphnia magna)	N/Av	None.
Cocamidopropyl Betaine	61789-40-0	1.9 mg/L (Daphnia magna)	0.9 mg/L	None.
Sodium lauryl sulfate	151-21-3	5.55mg/L (Daphnia magna)	3.2 mg/L (Daphnia magna)	None.

<u>Ingredients</u>	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
Isopropanol	67-63-0	N/Av	N/Av	None.
Ethanol	64-17-5	1000mg/L (Green algae)	N/Av	N/Ap
Propylene glycol	57-55-6	19 000 mg/L/96hr (Green algae)	N/Av	None.
Cocamidopropyl Betaine	61789-40-0	0.55 mg/L/96hr (Green algae)	N/Av	1
Sodium lauryl sulfate	151-21-3	>120mg/L (Green algae)	30mg/L (Green algae)	None.

Persistence and degradability

: Expected to be readily biodegradable.

Bioaccumulation potential

: No data is available on the product itself.

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<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethanol	-0.32	N/Av
Isopropanol	0.05	1.0
Propylene glycol	- 1.41 to - 0.3	<1 dimensionless
Cocamidopropyl Betaine	-1.28 to 3.63	3 - 71
Sodium lauryl sulfate	1.6	2.1-5.3

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle waste according to recommendations in Section 7. Do not cut, weld, drill or grind on or near this container. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

Methods of Disposal : Reuse or recycling should be given priority over disposal. Contact your local, state or federal environmental agency for specific rules.

RCRA : Not applicable.





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SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN1987	ALCOHOLS, N.O.S. (Isopropanol, Ethanol)	3	II	
49CFR/DOT Additional information	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
TDG	UN1987	ALCOHOLS, N.O.S. (Isopropanol, Ethanol)	3	II	
TDG Additional information	May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Litre, in packages not exceeding 30 kg gross mass.				
ICAO/IATA	UN1987	Alcohols, n.o.s. (Isopropanol, Ethanol)	3	II	
ICAO/IATA Additional information	Refer to ICAO/IATA Packing Instruction				
IMDG	UN1987	ALCOHOLS, N.O.S. (Isopropanol, Ethanol)	3	II	
IMDG Additional information	Consult the IMDG regulations for exceptions.				

Special precautions for user : Appropriate advice on safety must accompany the package. Keep away from heat, sparks and open flame - No smoking.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

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<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de Minimis Concentration
Isopropanol	67-63-0	Yes	None.	None.	Yes	1%
Ethanol	64-17-5	Yes	N/Ap	N/Av	No	N/Ap
Propylene glycol	57-55-6	Yes	None.	None.	No	N/Ap
Sodium laureth sulfate	9004-82-4	Yes	N/Ap	N/Av	No	N/Ap
Cocamidopropyl Betaine	61789-40-0	Yes	None.	None.	No	N/Ap
Sodium lauryl sulfate	151-21-3	Yes	N/Ap	N/Av	No	N/Ap
Cocamide MIPA	68333-82-4	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Flammable; Eye irritation; Specific target organ toxicity, single exposure.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Isopropanol	67-63-0	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Propylene glycol	57-55-6	No	N/Ap	No	No	Yes	Yes	Yes	Yes
Sodium laureth sulfate	9004-82-4	No	N/Ap	No	No	No	No	No	No
Cocamidopropyl Betaine	61789-40-0	No	N/Ap	No	No	No	No	No	No
Sodium lauryl sulfate	151-21-3	No	N/Ap	No	No	No	No	No	No
Cocamide MIPA	68333-82-4	No	N/Ap	No	No	No	No	No	No

Canadian Information:

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).

International Information:

Components listed below are present on the following International Inventory list:

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Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Isopropanol	67-63-0	200-661-7	Present	Present	(2)-207	KE-29363	Present	HSR001180
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
Propylene glycol	57-55-6	200-338-0	Present	Present	(2)-234	KE-29267	Present	May be used as a single component chemical under an appropriate group standard.
Sodium laureth sulfate	9004-82-4	N/Av	Present	Present	(7)-120	KE-32427	Present	HSR003434
Cocamidopropyl Betaine	61789-40-0	263-058-8	Present	Present	(2)-1290	KE-01243	Present	HSR003529
Sodium lauryl sulfate	151-21-3	205-788-1	Present	Present	(2)-1679; (2)-1675	KE-21884	Present	HSR003122
Cocamide MIPA	68333-82-4	269-793-0	Present	N/Av	(2)-827	N/Av	Present	N/Av

SECTION 16. OTHER INFORMATION

Legend

- : CAS: Chemical Abstract Services
- DOT: Department of Transportation
- IARC: International Agency for Research on Cancer
- LC: Lethal Concentration /LD: Lethal Dose
- N/Av: Not Applicable /N/Av: Not Available
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TWA: Time Weighted Average
- TSCA: Toxic Substance Control Act

Preparation Date (mm/dd/yyyy)

: 12/29/2021

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: 16/03/2025

Revision No.

: 2

Revision Information

: 1. IDENTIFICATION 2. HAZARDS IDENTIFICATION 3. COMPOSITION/INFORMATION ON INGREDIENTS 9. PHYSICAL AND CHEMICAL PROPERTIES

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