

P.A.W.S.

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SECTION 1. IDENTIFICATION

Product identifier used on the		
	• P.A.W.S.	
Other means of identification	34418, 34417, 38400, 38401, 3	΄ Υ, 34400SC, 34405, 34409, 34410, 34413, 34415,
	Personal Care Applications Restriction on use: None known	l
Chemical family	Mixture.	
Name, address, and teleph of the supplier:	one number	Name, address, and telephone number of the manufacturer:
Safetec of America, Inc. 887 Kensington Avenue Buffalo, NY, USA 14215		Refer to supplier
Supplier's Telephone #	716-895-1822	
	1-800-255-3924	

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Towelette / pad saturated or spray. Clear, colourless liquid. Fresh Scent.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

For informational purposes, this product would have the following OSHA Hazcom 2012 and WHMIS 2015 classification. Flammable Liquid - Category 3

Serious eye damage/eye irritation - Category 2A

Label elements

Hazard pictogram(s)



Warning!

Hazard statement(s)

Flammable liquid and vapor. Causes serious eye irritation.



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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. Use only non-sparking tools. Take precautionary measures against static discharge. Ground and bond container and receiving equipment. Use explosion-proof electrical and ventilating equipment. Wash thoroughly after handling. Wear protective gloves/clothing and eye/face protection.

IF ON SKIN (or hair): Remove/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.

Store locked up. Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local regulation.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical name	Common name and synonyms	CAS #	Concentration (% by weight)
Ethanol	Ethyl alcohol Ethyl hydrate	64-17-5	60.0 - 70.0
Triethanolamine		102-71-6	<1

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Booonphon of mot ald	
Ingestion	: Harmful effects are not expected under normal usage.
Inhalation	: Harmful effects are not expected under normal usage.
Skin contact	: Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.
Eye contact	: If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.
Most important sympt	oms and effects, both acute and delayed
	: None expected, when used as intended.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media Suitable extinguishing media
: Dry chemicals. Foam. Carbon dioxide (CO2). Water or fog spray.
Unsuitable extinguishing media
: Do not use water jet as extinguisher, as this will spread the fire.
Special hazards arising from the substance or mixture / Conditions of flammability
: Flammable liquid and vapor.
Flammability classification (OSHA 29 CFR 1910.106)
: Flammable Liquids - Category 3
Hazardous combustion products
: Carbon oxides
Special protective equipment and precautions for firefighters



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Protective equipment for fire-fighters

: Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.

Special fire-fighting procedures

: Cool containers exposed to heat with water spray and remove container, if no risk is involved.

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). Wear appropriate personal protective equipment.
- **Environmental precautions** : Avoid release to the environment.

Methods and material for containment and cleaning up

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

Special spill response procedures

: Not applicable.

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.
Conditions for safe storage	:	Keep containers closed when not in use.
Incompatible materials	:	Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:					
Chemical Name	ACGI	<u>H TLV</u>	OSHA PEL		
	<u>TWA</u>	<u>STEL</u>	PEL	<u>STEL</u>	
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m³)	N/Av	
Triethanolamine	5 mg/m³	N/Av	N/Av	N/Av	

Exposure controls

Ventilation and engineering measures

	:	None required under normal conditions.
Respiratory protection	:	None required under normal conditions.
Skin protection	:	None required under normal conditions.
Eye / face protection	:	None required under normal conditions.
Other protective equipment	:	None required when used as intended.
General hygiene consideration	ons	5
	:	Always observe good personal hygiene measures

s, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Towelette / pad saturated or spray. Clear, colourless liquid. : Fresh Scent. Odour **Odour threshold**
 - : Not available.



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рН	:	5-10
Melting Point/Freezing point	:	Not available.
Initial boiling point and boilin	gı	range
	:	Not available.
Flash point	:	27.2°C (81°F)
Flashpoint (Method)	:	Closed cup
Evaporation rate (BuAe = 1)	:	Not available.
Flammability (solid, gas)	:	Not applicable.
Lower flammable limit (% by	vo	l.)
	:	3.3%
Upper flammable limit (% by	vol	l.)
	:	19%
Oxidizing properties	:	Not applicable
Explosive properties	:	Not explosive
Vapour pressure	:	Not available.
Vapour density	:	Not available.
Relative density / Specific gra	avi	
	:	0.89
Solubility in water	:	Complete
Other solubility(ies)	:	Not available.
Partition coefficient: n-octane	5I/\	water or Coefficient of water/oil distribution
	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	Not available.
Volatiles (% by weight)	:	Not available.
Volatile organic Compounds	(V	•
	:	Not available.
Absolute pressure of contain	er	
	:	Not available.
Flame projection length	:	Not available.
Other physical/chemical com	me	ents
	:	None known or reported by the manufacturer.
SECTION 40 STABILIT	v	

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Material is stable under normal conditions.
Possibility of hazardous rea	ctio	ons
	:	Hazardous polymerization does not occur.
Conditions to avoid	:	Keep away from heat, sparks and open flames.
Incompatible materials	:	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition p	roc	lucts
	:	See Section 5 (Fire Fighting Measures).

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES



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Routes of entry skin & eye	: YES
Routes of entry Ingestion	: YES
Routes of exposure skin al	•
	: YES
Potential Health Effects:	
Signs and symptoms of sh	ort-term (acute) exposure
Sign and symptoms Inhala	tion
	None expected, when used as intended.
Sign and symptoms ingest	ion
	: None expected, when used as intended.
Sign and symptoms skin	: None expected, when used as intended.
Sign and symptoms eyes	 None expected, when used as intended. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.
Potential Chronic Health E	
	: None expected, when used as intended.
Mutagenicity	: Not expected to be mutagenic.
Carcinogenicity	: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive effects & Ter	atogenicity
	: 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 effect	ts : None expected, when used as intended.
Medical conditions aggrav	ated by overexposure
	: None reported by the manufacturer.
Synergistic materials	: None reported by the manufacturer.
Toxicological data	: See below for individual ingredient acute toxicity data.

	LC50(4hr)	LD ₅₀	
Chemical name	inh, rat	(Oral, rat)	<u>(Rabbit, dermal)</u>
Ethanol	> 32 380 ppm (61 mg/L) (vapour)	7060 mg/kg	> 15 800 mg/kg
Triethanolamine	N/Av	6110 mg/kg	> 2000 mg/kg (No mortality)

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

: The product is not classified as environmentally hazardous. Avoid release to the environment.



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Ecotoxicity data:

Ingredients	CAS #	Toxicity to Fish			
		LC50 / 96h	NOEC / 21 day	M Factor	
Ethanol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.	
Triethanolamine	102-71-6	11 800 mg/L (Fathead minnow)	N/Av	None.	

Ingredients	CAS #	Toxicity to Daphnia				
		EC50 / 48h	NOEC / 21 day	M Factor		
Ethanol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.		
Triethanolamine	102-71-6	609.88 mg/L [Ceriodaphnia (water flea)]	16 mg/L	None.		

Ingredients	CAS #	Toxicity to Algae					
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor			
Ethanol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.			
Triethanolamine	102-71-6	216 mg/L/72hr (Green algae)	N/Av	None.			

Persistence and degradability

: Not available.

Bioaccumulation potential : Not available.

<u>Components</u>	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
Ethanol (CAS 64-17-5)	- 0.31	N/Av
Triethanolamine (CAS 102-71-6)	- 1.59	< 3.9 (common carp)

Mobility in soil : Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal	:	Dispose of in accordance with local regulations.
Methods of Disposal	:	Dispose of in accordance with local regulations.
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	UN1170	ETHANOL SOLUTION	LQ ground	111	\diamond	
49CFR/DOT Additional information		or sprays may be shipped as a Limited Quantity when tra kages not exceeding 30 kg (66 pounds) gross mass. Ref				
ICAO/IATA	UN1170	Ethyl alcohol solution	3	III	()	
ICAO/IATA Additional information		spray may be shipped as a Limited Quantity when transp kages not exceeding 30 kg (66 pounds) gross mass.	ported in contain	ers no large	r than 5 L (1.3	
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	111	\diamond	
IMDG Additional information		or spray may be shipped as a Limited Quantity when tran kages not exceeding 30 kg (66 pounds) gross mass.	sported in conta	iners no larç	ger than 5 L (1.3	
49CFR/DOT	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	\oslash	
49CFR/DOT Additional information	Solids, Contain	l ned towellette may be shipped as not regulated according ing flammable liquid, N.O.S. in sealed packages, contair ovided there is no free liquid in the packet.				
ICAO/IATA	UN3175	Solids containing flammable liquid, n.o.s.	not regulated	II	\oslash	
ICAO/IATA Additional	Solids, Contain	l ned towellette may be shipped as not regulated according ing flammable liquid, N.O.S. in sealed packages, contain ovided there is no free liquid in the packet.				

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.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not established.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

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



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lu sus dis sta	TSCA Reportab		CERCLA Reportable	SARA TITLE III: Sec. 302, Extremely	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical		
Ingredients CA	CAS #	Inventory	Quantity(RQ) (40 CFR 117.302):	Hazardous Substance, 40 CFR 355:	Toxic Chemical	de minimus Concentration	
Ethanol	64-17-5	Yes	None.	None.	No	N/Ap	
Triethanolamine	102-71-6	Yes	N/Ap	N/Ap	No	N/Ap	

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	Californi	State "Right to Know" Lists						
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Triethanolamine	102-71-6	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes

Canadian Information:

All components of this product are on the Canadian DSL list. WHMIS Classification: See Section 2.

International Information:

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

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
Triethanolamine	102-71-6	203-049-8	Present	Present	(2)-308	KE-25940	Present	HSR002785

SECTION 16. OTHER INFORMATION

Legend	: CAS: Chemical Abstract Services
5	CEPA: Canadian Environmental Protection Act
	CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act
	of 1980
	CFR: Code of Federal Regulations
	CSA: Canadian Standards Association
	DOT: Department of Transportation
	DSL: Domestic Substances List
	EPA: Environmental Protection Agency
	IARC: International Agency for Research on Cancer
	IATA: International Air Transport Association
	ICAO: International Civil Aviation Organisation
	IMDG: International Maritime Dangerous Goods
	LC: Lethal Concentration /LD: Lethal Dose



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	N/Ap: Not Applicable / N/Av: Not Available NOEC: No observable effect concentration
	NTP: National Toxicology Program OECD: Organisation for Economic Co-operation and Development
	OEL: National occupational exposure limits
	OSHA: Occupational Safety and Health Administration
	PEL: Permissible exposure limit
	PPE: Personal Protective Equipment
	RCRA: Resource Conservation and Recovery Act
	SARA: Superfund Amendments and Reauthorization Act
	SDS: Safety Data Sheet
	STEL: Short Term Exposure Limit
	TDG: Canadian Transportation of Dangerous Goods Act & Regulations
	TLV: Threshold Limit Values
	TWA: Time Weighted Average
	WEL: Workplace Exposure Limit
	WHMIS: Workplace Hazardous Materials Identification System
References	
:	ECHA - European Chemical Agency
	Canadian Centre for Occupational Health and Safety, CCInfoWeb databases,
	Safety Data Sheets from manufacturer.
	OECD - The Global Portal to Information on Chemical Substances - eChemPortal

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Reviewed Date SDS (dd/mm/)	-	04/03/2017 / y)			
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Revision Information	:	(M)SDS sections updated 1. IDENTIFICATION :			
Other special considerations for handling					
	:	Provide adequate information, instruction and training for operators.			

Prepared for:

Safetec of America Inc 887 Kensington Avenue Buffalo, NY 14215 Telephone: 1-716-895-1822 www.safetec.com

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