

**Tytan Professional Cleaner 12 Oz FR-GB****SAFETY DATA SHEET**

Date of Preparation: June 2, 2023

**Section 1: IDENTIFICATION****Product Name:** Tytan Professional Cleaner 12 Oz FR-GB**Product Use:** Foam Cleaner.**Restrictions on Use:** Not available.**Addresses:**Selena USA, Inc.  
4055 International Plaza,  
Suite 640**Emergency Phone:** Fort Worth, 76109  
ChemTrec: 1-800-424-9300**Date of Preparation of SDS:** June 2, 2023**Section 2: HAZARD(S) IDENTIFICATION****GHS INFORMATION****Classification:** Flammable Aerosols, Category 1  
Eye Irritation, Category 2A  
Specific Target Organ Toxicity (Single Exposure), Category 3 - Narcotic Effects**LABEL ELEMENTS****Hazard****Pictogram(s):****Signal Word:** Danger**Hazard Statements:** Extremely flammable aerosol.  
Causes serious eye irritation.  
May cause drowsiness or dizziness.**Precautionary Statements****Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Do not spray on an open flame or other ignition source.  
Do not pierce or burn, even after use.  
Avoid breathing mist, vapours, or spray.  
Wash hands thoroughly after handling.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing and eye protection.

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**Response:** 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.  
Call a POISON CENTER or doctor if you feel unwell.  
If eye irritation persists: Get medical attention.

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

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

**Disposal:** Dispose of contents and container in accordance with applicable regional, national and local laws and regulations.

**Hazards Not Otherwise Classified:** Not applicable.

**Ingredients with Unknown Toxicity:** None.

This material is considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200).

This material is considered hazardous by the Workplace Hazardous Material Information System (WHMIS) 2015.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Ingredient(s)	Common name / Synonyms	CAS No.	% wt./wt.
2-Propanone	Acetone	67-64-1	40 - 70
Propane, 2-methyl-	Isobutane	75-28-5	10 - 30
Acetic acid ethyl ester	Ethyl acetate	141-78-6	10 - 30
Propane	Not available.	74-98-6	5 - 10

Actual concentration range(s) withheld as a trade secret.

**Section 4: FIRST-AID MEASURES**

**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If breathing or the heart stops, trained personnel should immediately begin artificial respiration (AR) or cardiopulmonary resuscitation (CPR) respectively. Get medical attention immediately.

**Acute and delayed symptoms and effects:** May cause drowsiness or dizziness. May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Excessive inhalation may cause headache, dizziness, confusion, loss of appetite and/or loss of consciousness.



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- Eye Contact:** If in eyes: Rinse cautiously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Acute and delayed symptoms and effects:** Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
- Skin Contact:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Call a poison center or doctor if you feel unwell.
- Acute and delayed symptoms and effects:** May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
- Ingestion:** If swallowed: Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If breathing or the heart stops, trained personnel should immediately begin artificial respiration (AR) or cardiopulmonary resuscitation (CPR) respectively. Get medical attention immediately.
- Acute and delayed symptoms and effects:** May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
- General Advice:** In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
- Note to Physicians:** Symptoms may not appear immediately.

### Section 5: FIRE-FIGHTING MEASURES

#### FLAMMABILITY AND EXPLOSION INFORMATION

Extremely flammable aerosol. Containers may explode when heated. Ruptured containers may rocket.

If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

**Sensitivity to Mechanical Impact:** This material is not sensitive to mechanical impact.

**Sensitivity to Static Discharge:** This material is sensitive to static discharge.

#### MEANS OF EXTINCTION

**Suitable Extinguishing Media:** Small Fire: Dry chemical or CO<sub>2</sub>.

Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk. Damaged containers should be handled discarded in accordance with all applicable regulations.

**Unsuitable Extinguishing Media:** Not available.

**Products of Combustion:** Oxides of carbon.



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#### Protection of Firefighters:

Vapors may cause dizziness or asphyxiation without warning. Vapors from liquefied gas are initially heavier than air and spread along ground. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite. Fire may produce irritating, corrosive and/or toxic gases. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing will only provide limited protection.

### Section 6: ACCIDENTAL RELEASE MEASURES

#### Emergency Procedures:

As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Keep out of low areas. Ventilate closed spaces before entering. Do not touch or walk through spilled material.

#### Personal Precautions:

Use personal protection recommended in Section 8.

#### Environmental Precautions:

Prevent entry into waterways, sewers, basements or confined areas.

#### Methods for Containment:

Stop leak if you can do it without risk. Do not direct water at spill or source of leak. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. If possible, turn leaking containers so that gas escapes rather than liquid.

#### Methods for Clean-Up:

Allow substance to evaporate. Ventilate the area.

#### Other Information:

See Section 13 for disposal considerations.

### Section 7: HANDLING AND STORAGE

#### Handling:

Do not swallow. Avoid breathing mist, vapours, or spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Keep container tightly closed. Ground and bond container and receiving equipment. Use non-sparking tools. Take action to prevent static discharges. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Use only outdoors or in a wellventilated area. See Section 8 for information on Personal Protective Equipment.

#### Storage:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.



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#### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure Guidelines

###### Component

Acetone [CAS No. 67-64-1]

**ACGIH:** 250 ppm (TWA); 500 ppm (STEL); A4; BEI (2014)

**OSHA:** 1000 ppm (TWA), 2400 mg/m<sup>3</sup> (TWA);  
750 ppm (TWA); 1000 ppm (STEL) [Vacated];

Isobutane [CAS No. 75-28-5]

**ACGIH:** 1000 ppm (STEL); Explosion hazard (2012)

**OSHA:** No PEL established.

Ethyl acetate [CAS No. 141-78-6]

**ACGIH:** 400 ppm (TWA); (1979)

**OSHA:** 400 ppm (TWA), 1400 mg/m<sup>3</sup> (TWA);

Propane [CAS No. 74-98-6]

**ACGIH:** Simple asphyxiant; Explosion hazard

**OSHA:** 1000 ppm (TWA), 1800 mg/m<sup>3</sup> (TWA);

**PEL:** Permissible Exposure Limit

**TWA:** Time-Weighted Average

**STEL:** Short-Term Exposure Limit

##### Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits. Use explosion-proof electrical, ventilating, and lighting equipment.

##### PERSONAL PROTECTIVE EQUIPMENT (PPE)



##### Eye/Face Protection:

Wear chemical safety goggles. Ensure that eyewash stations are close to the workstation location. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

##### Hand Protection:

Wear protective gloves. Consult manufacturer specifications for further information.

##### Skin and Body Protection:

Wear protective clothing. Flame resistant clothing that meets the NFPA 2112 and CAN/CGSB 155.20 standards is recommended in areas where material is stored or handled.

##### Respiratory Protection:

If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an



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appropriate NIOSH/MSHA approved air-purifying respirator that meets the requirements of CSA Standard CAN/CSAZ94.4, with organic vapor cartridge, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the airpurifying respirators.

**General Hygiene Considerations:** Handle according to established industrial hygiene and safety practices. Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

<b>Section 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<b>Appearance:</b>	Clear liquid dispersed by gaseous propellant from an aerosol container.
<b>Colour:</b>	Colourless.
<b>Odour:</b>	Acetone.
<b>Odour Threshold:</b>	Not available.
<b>Physical State:</b>	Liquid.
<b>pH:</b>	Not available.
<b>Melting Point / Freezing Point:</b>	Not available.
<b>Initial Boiling Point:</b>	Not available.
<b>Boiling Range:</b>	56 °C (132.8 °F) (Acetone)
<b>Flash Point:</b>	-18 °C (-0.4 °F) (Acetone)
<b>Evaporation Rate:</b>	Not available.
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.
<b>Relative Density:</b>	Not available.
<b>Solubilities:</b>	Insoluble in water.
<b>Partition Coefficient: n-Octanol/Water:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.

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**Percent Volatile, wt. %:** Not available.**VOC content, wt. %:** Not available.**Density:** Not available.**Coefficient of Water/Oil Distribution:** Not available.**Section 10: STABILITY AND REACTIVITY****Reactivity:** Contact with incompatible materials. Sources of ignition. Exposure to heat.**Chemical Stability:** Stable under normal storage conditions.**Possibility of Hazardous Reactions:** None known.**Conditions to Avoid:** Contact with incompatible materials. Sources of ignition. Exposure to heat.**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.**Hazardous Decomposition Products:** Not available.**Section 11: TOXICOLOGICAL INFORMATION****EFFECTS OF ACUTE EXPOSURE****Product Toxicity****Oral:** Not available.**Dermal:** Not available.**Inhalation:** Not available.**Component Toxicity**

Component	CAS No.	LD <sub>50</sub> oral	LD <sub>50</sub> dermal	LC <sub>50</sub>
Acetone	67-64-1	5800 mg/kg (rat)	20 mL/kg (rabbit)	50100 mg/m <sup>3</sup> (rat); 8H
Isobutane	75-28-5	Not available.	Not available.	570000 ppm (rat); 15M
Ethyl acetate	141-78-6	5620 mg/kg (rat)	> 20 mL/kg (rabbit)	45000 mg/m <sup>3</sup> (rat); 2H
Propane	74-98-6	Not available.	Not available.	Not available.

**Likely Routes of Exposure:** Eye contact. Skin contact. Inhalation. Ingestion.**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.  
Cardiovascular system. Central nervous system.**Symptoms (including delayed and immediate effects)****Inhalation:** May cause drowsiness or dizziness. May cause respiratory irritation.  
Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Excessive inhalation may cause headache, dizziness, confusion, loss of appetite and/or loss of consciousness.  
**Eye:** Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

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**Skin:** May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Ingestion:** May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Skin Sensitization:** Not available.

**Respiratory Sensitization:** Not available.

**Medical Conditions Aggravated By Exposure:** Not available.

**EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)**

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system. Cardiovascular system. Central nervous system.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation. High vapour concentrations, generally greater than 10% by volume, may sensitize the heart and lead to lethal cardiac arrhythmias.

**Carcinogenicity:** Product is not classified as a carcinogen. See Component Carcinogenicity table below for information on individual components.

**Component Carcinogenicity**

Component	ACGIH	IARC	NTP	OSHA	Prop 65
Acetone	A4	Not listed.	Not listed.	Not listed.	Not listed.

**Mutagenicity:** Not available.

**Reproductive Effects:** Not available.

**Developmental Effects**

**Teratogenicity:** Not available.

**Embryotoxicity:** Not available.

**Toxicologically Synergistic Materials:** Not available.

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available. **Other**

**Adverse Effects:** Not available.



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**Section 13: DISPOSAL CONSIDERATIONS**

**Disposal Instructions:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

**Section 14: TRANSPORT INFORMATION****U.S. Department of Transportation (DOT)**

**Proper Shipping Name:** UN1950, AEROSOLS, 2.1

**Class:** 2.1

**UN Number:** UN1950

**Packing Group:** Not applicable.

**Placard(s):**

**Canada Transportation of Dangerous Goods (TDG)**

**Proper Shipping Name:** UN1950, AEROSOLS, 2.1

**Class:** 2.1

**UN Number:** UN1950

**Packing Group:** Not applicable.

**Placard(s):**

**Section 15: REGULATORY INFORMATION****Chemical Inventories****US (TSCA)**

The components of this product are in compliance with the chemical notification requirements of TSCA.

**Canada (DSL)**

The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

**Federal Regulations****United States**

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Canada**

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This SDS has been prepared to meet the Workplace Hazardous Material Information System (WHMIS) 2015.

**SARA Title III**

<b>Component</b>	<b>Section 302 (EHS) TPQ (lbs.)</b>	<b>Section 304 EHS RQ (lbs.)</b>	<b>CERCLA RQ (lbs.)</b>	<b>Section 313</b>	<b>RCRA CODE</b>	<b>CAA 112( r ) TQ (lbs.)</b>
Acetone	Not listed.	Not listed.	5000	Not listed.	U002	Not listed.
Isobutane	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.	10000
Ethyl acetate	Not listed.	Not listed.	5000	Not listed.	U112	Not listed.
Propane	Not listed.	Not listed.	Not listed.	Not listed.	Not listed.	10000

**State Regulations****Massachusetts**

US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<b>Component</b>	<b>CAS No.</b>	<b>RTK List</b>
Acetone	67-64-1	Listed.
Isobutane	75-28-5	Listed.
Ethyl acetate	141-78-6	Listed.
Propane	74-98-6	Listed.

**New Jersey**

US New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<b>Component</b>	<b>CAS No.</b>	<b>RTK List</b>
Acetone	67-64-1	SHHS
Isobutane	75-28-5	SHHS
Ethyl acetate	141-78-6	SHHS
Propane	74-98-6	SHHS

**Note:** SHHS = Special Health Hazard Substance

**Pennsylvania**

US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<b>Component</b>	<b>CAS No.</b>	<b>RTK List</b>
Acetone	67-64-1	E
Isobutane	75-28-5	Listed.
Ethyl acetate	141-78-6	E
Propane	74-98-6	Listed.

**Note:** E = Environmental Hazard



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**Section 16: OTHER INFORMATION**

**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

**Date of Preparation of SDS:** June 2, 2023

**Version:** 1.2

**GHS SDS Prepared by:** Product Stewardship Department, Selena USA Inc.