SAFETY DATA SHEET
Tableau Fabric (Upholstery) Cleaner
According to Regulation (EC) No 1907/2006, Annex II

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Tableau Fabric (Upholstery) Cleaner

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier

RPM Marketing (Sussex)
PO Box 1
BEXHILL ON SEA
East Sussex
TN39 3ZQ
Tel 01424 224620

1.4. Emergency telephone number

Emergency telephone 01424 575131 Ext 9 Office Hours (Mon- Fri 9am-5pm) only.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

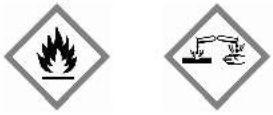
Physical hazards Aerosol 1 - H222, H229

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: may burst if heated
H315 Causes skin irritation.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/ container in accordance with national regulations.

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Contains	Amphoteric Surfactant, SODIUM METASILICATE
Supplementary precautionary statements	P302+P352 IF ON SKIN: Wash with plenty of water. P310 Immediately call a POISON CENTER/ doctor. P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS **5-10%**

CAS number: 68476-85-7 EC number: 270-704-2

Classification
Flam. Gas 1 - H220
Press. Gas, Liquefied - H280

Amphoteric Surfactant **1-5%**

CAS number: 147170-44-3

Classification
Eye Dam. 1 - H318
Aquatic Chronic 3 - H412

SODIUM METASILICATE **1-5%**

CAS number: 10213-79-3

Classification
Skin Corr. 1A - H314
Eye Dam. 1 - H318
STOT SE 3 - H335

2-BUTOXYETHANOL **1-5%**

CAS number: 111-76-2 EC number: 203-905-0

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

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TURPENTINE, OIL	<1%
CAS number: 8006-64-2	EC number: 232-350-7

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	R10 Xn;R20/21/22,R65 R43 Xi;R36/38 N;R51/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition comments CAS 68476-85-7 Petroleum gases - as the substance contains less than 0.1%w/w 1,3-butadiene the full harmonised classification regarding Muta. 1B H340 and Carc. 1A H350 does not apply.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Move affected person to fresh air at once.

Inhalation Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove any contact lenses and open eyelids wide apart. Get medical attention promptly if symptoms occur after washing.

4.2. Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Ingestion May cause discomfort if swallowed.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact May cause serious eye damage.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray, foam, dry powder or carbon dioxide.

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Unsuitable extinguishing media Water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. The product is extremely flammable. Do not expose to temperatures exceeding 50°C/122°F.

Hazardous combustion products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water spray to reduce vapours.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. Flush away spillage with plenty of water.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray/mists. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Protect from sunlight. Store at temperatures not exceeding 50°C.

Storage class Extremely Flammable Aerosol

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

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Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1750 mg/m³
Short-term exposure limit (15-minute): WEL 1250 ppm 2180 mg/m³

2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk)
Short-term exposure limit (15-minute): WEL 50 ppm(Sk)

TURPENTINE, OIL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 566 mg/m³
Short-term exposure limit (15-minute): WEL 150 ppm 850 mg/m³
WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber.
Other skin and body protection	Wear suitable gloves if prolonged or repeated skin contact is likely
Hygiene measures	Ensure suitable ventilation of area. When using do not eat, drink or smoke. Wash promptly if skin becomes contaminated.
Respiratory protection	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.
Thermal hazards	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Aerosol container containing a mixture of active ingredients, solvents and propellants
Colour	White foam.
Odour	Pleasant, agreeable.
pH	pH (concentrated solution): ~12
Initial boiling point and range	100°C @ 760 mm Hg for liquid base.
Flash point	A flash point method is not available but the major hazardous component, the Propellant has a flash point of <-60°C with flammability limits of 10.9% vol. upper and 1.4% vol. lower.
Upper/lower flammability or explosive limits	Scientifically unjustified.
Relative density	1.04 @ 20°C Density of liquid base.

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Solubility(ies)	Soluble in water.
Auto-ignition temperature	Data lacking.
Explosive properties	In use may form flammable/explosive vapour-air mixture.

9.2. Other information

Other information	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No known hazardous reactions if stored under normal conditions. Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight. Avoid contact with the following materials: Strong mineral acids.

10.5. Incompatible materials

Materials to avoid	Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)	17,730.5

Acute toxicity - dermal

ATE dermal (mg/kg)	39,007.09

Acute toxicity - inhalation

ATE inhalation (gases ppm)	159,574.47
ATE inhalation (vapours mg/l)	390.07
ATE inhalation (dusts/mists mg/l)	53.19

Inhalation	High exposures may cause an abnormal heart rhythm and prove suddenly fatal. Very high atmospheric concentrations may cause anaesthetic effects and asphyxiation.
Ingestion	Gastrointestinal symptoms, including upset stomach. May cause soreness and redness of mouth and throat.
Skin contact	Irritating to skin.
Eye contact	This product is corrosive. Causes serious eye damage.

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Acute and chronic health hazards	Concentrating and inhaling the gas/spray can lead to abnormal heart rhythms and possibly death.
Route of entry	Inhalation Ingestion
Target organs	Central nervous system Respiratory system, lungs
Medical symptoms	Irritation of eyes and mucous membranes.

Toxicological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Acute toxicity - inhalation

Notes (inhalation LC_{50})	>20 mg/l, Inhalation, Rat

Skin corrosion/irritation

Skin corrosion/irritation	Not irritating.

Germ cell mutagenicity

Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.

Carcinogenicity

Carcinogenicity	No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.

Specific target organ toxicity - single exposure

STOT - single exposure	Gas or vapour is harmful on prolonged exposure or in high concentrations. High concentrations may be fatal.

Aspiration hazard

Aspiration hazard	Not anticipated to present an aspiration hazard, based on chemical structure.

Inhalation	May cause respiratory system irritation.
Skin contact	Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin.
Route of entry	Inhalation Skin and/or eye contact

Alpha-Terpinene

Acute toxicity - oral

ATE oral (mg/kg)	500.0

SECTION 12: Ecological Information

Ecotoxicity	Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecological information on ingredients.

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PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Toxicity	Not regarded as dangerous for the environment.

Limonene

Chronic aquatic toxicity

M factor (Chronic)	1

Alpha Cedrene

Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

1,3,4,6,7,8-HEXAHYDRO-4,6,6,7,8,8-HEXAMETHYL-INDENO[5,6-C]PYRAN

Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

Pinenes

Acute aquatic toxicity

$LE(C)_{50}$	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

Chronic aquatic toxicity

M factor (Chronic)	1

Terpinolene

Chronic aquatic toxicity

NOEC	0.01 < NOEC ≤ 0.1
Degradability	Non-rapidly degradable
M factor (Chronic)	1

d-LIMONENE

Chronic aquatic toxicity

M factor (Chronic)	1

1,3,5-undecatriene

Chronic aquatic toxicity

M factor (Chronic)	1

12.2. Persistence and degradability

Persistence and degradability The organic detergents in this preparation are biodegradable by OECD test methods.

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Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Persistence and degradability The product is degraded completely by photochemical oxidation.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Bioaccumulative potential Bioaccumulation is unlikely.

12.4. Mobility in soil

Mobility The product is soluble in water.

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Mobility The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not determined

Ecological information on ingredients.

PETROLEUM GASES, LIQUEFIED; PETROLEUM GAS

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

Ozone depletion potential

Global warming potential (GWP)

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not puncture or incinerate, even when empty. Ensure containers are empty before discarding (explosion risk). Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not puncture or incinerate, even when empty. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class Empty Aerosol: 15 01 04 (No hazardous residues). Full or Partially Empty Aerosol: 16 05 04, Empty Aerosol: 15 01 10 (Containing hazardous residues).

SECTION 14: Transport information

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14.1. UN number

UN No. (ADR/RID)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (ADN)	1950

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (ADN)	AEROSOLS

14.3. Transport hazard class(es)

ADR/RID class	2.1
ADR/RID classification code	5F
ADR/RID label	2.1
IMDG class	2.1
ICAO class/division	2.1
ADN class	2.1

Transport labels

14.4. Packing group

Not applicable.

ADR/RID packing group	#
IMDG packing group	#
ICAO packing group	#

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-D, S-U
ADR transport category	2
Tunnel restriction code	(D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	Workplace Exposure Limits EH40.
Authorisations (Title VII Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Title VIII Regulation 1907/2006)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Classification procedures according to Regulation (EC) 1272/2008	Aerosol 1 - H222, H229: Weight of evidence. Skin Irrit. 2 - H315: Calculation method. Eye Dam. 1 - H318: Calculation method.
Issued by	Technical Department
Revision date	26/10/2016
Revision	5
Supersedes date	02/10/2014
SDS number	10659
Hazard statements in full	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H226 Flammable liquid and vapour. H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.