



SAFETY DATA SHEET

TG.S105.250 TensorGrip S105 Cleaner Aerosol

According to Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, December 2011

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name TG.S105.250 TensorGrip S105 Cleaner Aerosol

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

Application Cleaning agent.

Uses advised against Do not use for personal cleansing. Use only for intended applications.

Details of the supplier of the safety data sheet

Supplier

Quin Global PTY LTD
63 Hincksman Street
Queanbeyan NSW 2620
(02) 6175 0574
info@quin-global.com.au

Emergency telephone number

Emergency telephone +61 2 6175 0574 National Poison Line AU 13 11 26

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Aerosol 1 - H222, H229 Press. Gas, Compressed - H280

Health hazards Eye Irrit. 2A - H319 STOT SE 3 - H336

Environmental hazards Not Classified

Label elements

Pictogram



Signal word

Danger

Hazard statements

H229 Pressurised container: may burst if heated
H280 Contains gas under pressure; may explode if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Additional information

For professional users only.

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Precautionary statements	P210 Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking.
	P211 Do not spray on an open flame or other ignition source.
	P251 Pressurized container: Do not pierce or burn, even after use.
	P261 Avoid breathing spray.
	P264 Wash contaminated skin thoroughly after handling.
	P271 Use only outdoors or in a well-ventilated area.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
	P337+P313 If eye irritation persists: Get medical advice/ attention.
	P403+P233 Store in a well-ventilated place. Keep container tightly closed.
	P405 Store locked up.

P410+P403 Protect from sunlight. Store in a well-ventilated place.

P412 Do not expose to temperatures exceeding 50°C/122°F.

P501 Dispose of contents/ container in accordance with national regulations.

Contains Acetone

Other hazards

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

SECTION 3: Composition and information on ingredients

Mixtures

Acetone	60-100%
CAS number: 67-64-1	
Classification	
Flam. Liq. 2 - H225	
Eye Irrit. 2A - H319	
STOT SE 3 - H336	
Petroleum gases, liquefied	10-30%
CAS number: 68476-85-7	
Classification	
Flam. Gas 1 - H220	
Press. Gas, Liquefied - H280	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

Description of first aid measures

General information If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Place unconscious person on their side in the recovery position and ensure breathing can take place.

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Ingestion	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Rinse nose and mouth with water. Place unconscious person on their side in the recovery position and ensure breathing can take place. Never give anything by mouth to an unconscious person. Get medical attention.
Skin Contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

Most important symptoms and effects, both acute and delayed

Inhalation	Coughing, chest tightness, feeling of chest pressure. Difficulty in breathing. Vapours may cause drowsiness and dizziness.
Ingestion	Gastrointestinal symptoms, including upset stomach. May cause chemical burns in mouth and throat.
Skin contact	Repeated exposure may cause skin dryness or cracking. May be slightly irritating to skin.
Eye contact	Profuse watering of the eyes. May cause severe eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards	Extremely flammable aerosol. Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Carbon monoxide (CO).

Advice for firefighters

Protective actions during firefighting	Evacuate area. Stop leak if safe to do so. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Use water spray to reduce vapours.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

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Personal precautions

For personal protection, see Section 8. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid inhalation of vapours. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Contain spillage with sand, earth or other suitable non-combustible material. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Wash thoroughly after dealing with a spillage. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely.

Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Provide adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapour/spray. Avoid the formation of mists. Use only non-sparking tools.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed, in a cool, well ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

Acetone

Long-term exposure limit (8-hour TWA): 500 ppm 1185 mg/m³

Short-term exposure limit (15-minute): 1000 ppm 2375 mg/m³

Petroleum gases, liquefied

Long-term exposure limit (8-hour TWA): 1000 ppm 1800 mg/m³

Carc. 1B

Carc. 1B = Presumed to have carcinogenic potential for humans.

Exposure controls

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Protective equipment



Appropriate engineering controls

As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with Australia/New Zealand Standard AS/NZS 1337.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with Australia/New Zealand Standard AS/NZS 2161. 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. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Wear a respirator fitted with the following cartridge: Organic vapour filter.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Aerosol.
Colour	Colourless.
Odour	Characteristic.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
Initial boiling point and range	-44°C @
Flash point	-97°C
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Extremely flammable aerosol.
Flammability Limit - Lower(%)	Lower flammable/explosive limit: 1.7% Upper flammable/explosive limit: 18.6%

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Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.79
Bulk density	Not available.
Solubility Value (g/100g H ₂ O 20°C)	Miscible with water.
Partition coefficient	Not available.
Auto-ignition temperature	>200°C
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
Other information	Not applicable.

SECTION 10: Stability and reactivity

Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	No data available.
Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition. Static electricity and formation of sparks must be prevented.
Materials to avoid	Strong acids. Strong oxidising agents.
Hazardous decomposition products	None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO).

SECTION 11: Toxicological information

Information on toxicological effects

Toxicological effects	No data recorded.
<u>Acute toxicity - oral</u>	
Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - dermal</u>	
Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.
<u>Acute toxicity - inhalation</u>	
Notes (inhalation LC ₅₀)	Based on available data the classification criteria are not met.
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Based on available data the classification criteria are not met., Repeated exposure may cause skin dryness or cracking.
<u>Serious eye damage/irritation</u>	

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Serious eye damage/irritation	Causes serious eye irritation.
<u>Respiratory sensitisation</u>	
Respiratory sensitisation	Based on available data the classification criteria are not met.
<u>Skin sensitisation</u>	
Skin sensitisation	Based on available data the classification criteria are not met.
<u>Germ cell mutagenicity</u>	
Genotoxicity - in vitro	Based on available data the classification criteria are not met.
<u>Carcinogenicity</u>	
Carcinogenicity	Based on available data the classification criteria are not met.
<u>Reproductive toxicity</u>	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
<u>Specific target organ toxicity - single exposure</u>	
STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.
Target organs	Central nervous system
<u>Specific target organ toxicity - repeated exposure</u>	
STOT - repeated exposure	Based on available data the classification criteria are not met.
<u>Aspiration hazard</u>	
Aspiration hazard	Not relevant.
Inhalation	Coughing, chest tightness, feeling of chest pressure. Irritating to respiratory system. May cause drowsiness or dizziness.
Ingestion	May cause chemical burns in mouth, oesophagus and stomach.
Skin Contact	Repeated exposure may cause skin dryness or cracking. May be slightly irritating to skin.
Eye contact	May cause severe eye irritation.

SECTION 12: Ecological Information

Ecotoxicity	The product is not expected to be toxic to aquatic organisms. However, large or frequent spills may have hazardous effects on the environment.
<u>Persistence and degradability</u>	
Persistence and degradability	Expected to be readily biodegradable.
<u>Bioaccumulative potential</u>	
Bioaccumulative Potential	No data available on bioaccumulation.
Partition coefficient	Not available.
<u>Mobility in soil</u>	
Mobility	Volatile liquid.
<u>Other adverse effects</u>	
Other adverse effects	None known.

SECTION 13: Disposal considerations

Waste treatment methods

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General information	Empty containers must not be punctured or incinerated because of the risk of an explosion.
Disposal methods	Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

UN number

UN No. (ADG) 1950

UN No. (IMDG) 1950

UN No. (ICAO) 1950

UN proper shipping name

Proper shipping name (ADG) AEROSOLS

Proper shipping name (IMDG) AEROSOLS

Proper shipping name (ICAO) AEROSOLS

Transport hazard class(es)

ADG class 2.1

ADG classification code 5F

ADG label 2.1

IMDG class 2.1

ICAO class/division 2.1

Transport labels



Packing group

Not applicable.

Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

Special precautions for user

EmS F-D, S-U

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

SECTION 15: Regulatory information

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

National regulations EH40/2005 Workplace exposure limits.
The Aerosol Dispensers Regulations 2009 (SI 2009 No. 2824).

SECTION 16: Any other relevant information

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Classification abbreviations and acronyms	Aerosol = Aerosol Eye Irrit. = Eye irritation STOT SE = Specific target organ toxicity-single exposure
Revision date	26/05/2017
Revision	2
Supersedes date	25/10/2016
SDS No.	21887
Hazard statements in full	H220 Extremely flammable gas. H225 Highly flammable liquid and vapour. H229 Pressurised container: may burst if heated H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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.