

MATERIAL HEALTH & SAFETY SHEET

1. IDENTIFICATION OF PREPARATION AND THE COMPANY:

PRODUCT NAME: TITAN Part I
Applications: Two Part Stain Removing Agent

COMPANY: Carpetgard Limited,
Unit 11, Holborn Square Industrial Estate,
Holborn Square, Birkenhead,
Cheshire, CH41 9HQ.

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Product description: Product used in conjunction with Titan Part II to eliminate stains on carpets. Can be used for professional and domestic purposes.

2. COMPOSITION / INFORMATION & INGREDIENTS:

<u>INGREDIENT NAME</u>	<u>CAS NO</u>	<u>CONTENTS</u>	<u>HEALTH (Class)</u>	<u>RISK (R. #)</u>
AMMONIA	1336-21-6	1% OR LESS,	C	35
WATER	7732-18-5	UP to 100%,	-	-

3. HAZARD INFORMATION:

Not regarded as a health hazard under current legislation.

Exposure limits and Health Warnings are detailed in other sections and should be observed.

4. FIRST AID MEASURES:

EYES: Rinse well with large quantities of water for 10 minutes. If irritation persists, seek medical attention

SKIN: Wash well with soap and water.

INGESTION: Wash out mouth with clean water and give copious amounts of water to drink and seek medical attention. **DO NOT INDUCE VOMITING!**

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Non-flammable. Use extinguishing media appropriate for surrounding fire.
SPECIAL FIRE FIGHTING PROCEDURES:	Keep run-off water out of sewers and water sources. If water pollution occurs, notify appropriate authorities. Cool containers exposed to flames with water from the side, until water well after the fire is out. Move container from the fire area if it can be done without risk. Use water spray to reduce vapours, Wear full protective clothing and breathing apparatus if there is a risk of exposure to smoke or fumes.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEAN-UP METHODS:	This product should not be allowed into surface water drainage. Where there is a risk of this happening, neutralize spill with dilute acid. Prevent the spill entering ditches or rivers by the use of sand or earth.
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7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	Avoid skin and eye contact. Ventilate well. Use approved respirator in confined or unventilated areas.
STORAGE PRECAUTIONS:	Keep in cool dry, ventilated storage and closed. Always keep lid on containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

<u>INGREDIENT NAME</u>	<u>CAS#</u>	<u>STD</u>	<u>TWA (8hrs)</u>	<u>STEL (15mins)</u>
AMMONIA>10%	1336-21-6	OES	17mg/m ³	24mg/m ³

INGREDIENT COMMENTS: OES= Occupational Exposure Standard (EH40)
PERSONAL PROTECTIVE EQUIPMENT (PPE) Eye protection and gloves should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES:

COLOUR:	Clear
APPEARANCE:	Non-viscous liquid
SPECIFIC GRAVITY:(Water=1)	0.99 @ 20°C
PH	11.7
ODOUR	Ammonia smell
BOILING POINT	98°C
FREEZING POINT	-1°C

10. STABILITY AND REACTIVITY.

STABILITY:	No particular stability concerns.
MATERIALS TO AVOID:	Strong acids. Can cause problems to copper and copper alloys such as brass, aluminium alloys and galvanised surfaces.

11. TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS

EYE CONTACT:	Can cause irritation to eyes.
SKIN CONTACT:	Can cause irritation to skin.
INHALATION:	Can cause irritation to the respiratory system.
INGESTION:	Can cause irritation to mouth and digestive tract.

12. ECOLOGICAL INFORMATION:

BIODEGRADABILITY	TITAN Part I is fully biodegradable and will not bio-accumulate in the environment. Strong solutions of Ammonia are toxic to aquatic life.
CFC CONTENT:	None.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: In accordance with Local Authority requirements.

EMPTY CONTAINERS: Disposal in accordance with Control of Pollution Act of 1974.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE: No transport warning sign required.

AIR SUB CLASS: n/a

AIR PACK CLASS n/a

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: No irritant label required.

16. OTHER INFORMATION

None

Amended 2nd April 2014