

Material Safety Data Sheet

(ANSI Z400.1-2004)



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Revision

21.01.2013 (Can) Version 1.1

W44T Turbo-Power-Spray

01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product trade name W44T Turbo-Power-Spray
Product code 112510
Chemical family Mixture of active ingredients with propellants.
Product use Technical aerosols
Manufacturer Weicon GmbH & Co. KG
Königsberger Straße 255,
D-48157 Münster
Telephone: +49 (0) 251 / 9322 - 0
Telefax: +49 (0) 251 / 9322 - 244
e-mail: info@weicon.de
Internet : www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier WEICON Inc.
20 Steckle Place, Unit 20
Kitchener, Ontario N2E 2C3
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Emergency advice 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

02 HAZARDS IDENTIFICATION

Emergency overview DANGER: Extremely flammable. Contents under pressure.
Potential Health Effects Repeated exposure may cause skin dryness or cracking. Vapors may cause drowsiness and dizziness.
Routes of entry Skin and eye contact and inhalation
Carcinogenicity NTP:No IARC:No OSHA:No
WHMIS Classification

Class A, B5, D2B



03 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS#	% by wt.
Propane	74-98-6	2.5 – 9.9
Butane	106-97-8	10 – 24.99
Solvent naphtha (petroleum) light aromatic	64742-95-6	0.1 – 0.99
Naphtha (petroleum) hydrotreated heavy	64742-48-9	25 – 49.9
Polymer (alkylaryl polyether)		0.1 – 0.99



04 FIRST AID MEASURES

Skin	Remove contaminated clothing immediately. In case of contact with skin wash off with water. Consult a doctor if irritation persists.
Eyes	Wash eyes immediately with large amounts of water for several minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.
Ingestion	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
Inhalation	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.
Physician's information	The following symptoms may occur: Narcotic effect and headache.

05 FIRE AND EXPLOSION DATA

Flash point	-97 °C
Extinguishing media	Foam, dry powder, carbon dioxide, water spray
Extinguishing media not to be used for safety reasons	Full water jet
Special hazards during fire fighting	Danger of bursting. Fight fires from a safe distance due to explosion hazard.
Hazardous combustion products	Emits toxic fumes under fire conditions.
Special fire-fighting procedures	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet.

06 ACCIDENTAL RELEASE MEASURES

Spill and leak procedures	Ensure adequate ventilation. Wear appropriate personal protective equipment. Keep away sources of ignition. Pick up using inert absorbents and place in suitable containers for disposal.
Pollution control measures	Do not allow untreated product into sewers, surface or ground water.

07 HANDLING AND STORAGE

Handling	Use only in well ventilated area with local exhaust ventilation. Keep away from heat and ignition sources. Do not smoke. Do not spray into flames or any burning material. Do not pierce or burn even after use. Vapors can form an explosive mixture with air.
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07 HANDLING AND STORAGE

Storage

Heating may cause the container to burst violently.

Keep container tightly closed and store in cool, dry place away from heat. Observe precautions for storage of compressed gas cylinders and flammable material storage. Protect from heat and direct solar radiation. Storage temperature may not exceed 50 °C (122 °F).

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure limits
Butane	106-97-8	1000 ppm, TWA ACGIH
Propane	74-98-6	1000 ppm, TWA ACGIH

Skin protection

Use protective clothing to prevent skin contact. Wear nitrile rubber gloves; 0.1mm; 480 min.; 60 min.

Eye protection

Use of safety glasses with side shields is recommended.

Respiratory protection

Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.

General Protection and Hygiene measures

Do not inhale aerosols. Do not eat, drink or smoke when working. Wash hands/or face before taking breaks and at the end of work.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Pressurized gas	Physical form	Aerosol
Color	Various colors	Odor	characteristic
Boiling point	-44 °C		
Flash point	-97 °C		
Auto-ignition	270 °C		
Lower explosion limit	0.6 Vol. %		
Upper explosion limit	8.5 Vol. %		
Vapor pressure	4000 hPa (20 °C)		
Density	0.715 g/ml (20 °C)		
Solubility in water	immiscible		
Solvent content	67.2%		



09 PHYSICAL AND CHEMICAL PROPERTIES

Solids content	0.6%
Explosive properties	The product is considered non-explosive; nevertheless explosive vapor/air mixtures can be generated.

10 STABILITY AND REACTIVITY

Chemical stability	Stable; no decomposition if used as directed.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Polymerization	None
Incompatibilities	Keep away from heat. Avoid formation of explosive gas/air mixtures. Reacts with oxidizing agents.

11 TOXICOLOGICAL INFORMATION

Skin irritation	Not irritant
Eye irritation	Not irritant
Skin sensitization	Non sensitizing
General experience	Frequent and prolonged skin contact may cause degreasing and desiccation of the skin which may cause skin irritation.

12 ECOLOGICAL INFORMATION

Biological degradability	Not determined.
Additional information	Do not discharge untreated product into the environment. Do not release into surface waters.

13 DISPOSAL CONSIDERATIONS

Product disposal	Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.
General information	For proper waste disposal, a complete emptying of the tin is necessary.

14 TRANSPORT INFORMATION

TDG / DOT shipping name	AEROSOLS, flammable, Class 2.1, UN 1950
Marine transport IMDG	AEROSOLS, flammable, Class 2.1, UN 1950
Air transport ICAO/IATA	AEROSOLS, flammable, Class 2.1, UN 1950



15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

USA TSCA status All of the components are on the TSCA Inventory.

Canadian DSL status All of the components are listed on the DSL Inventory.

SARA Title III To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

VOC 480.6 g/L

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.

16 OTHER INFORMATION

Further information Federal and local chemical regulations should be observed.

WHMIS HAZCOM Label EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. HARMFUL BY INHALATION.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.