

## 1. Product and company identification

### Product identifier

Trade name: W44T Turbo-Power-Spray

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

General use: Technical aerosol.  
Reserved for industrial and professional use.

### Details of the supplier of the safety data sheet

Company name: WEICON Inc.  
Street/POB-No.: 20 Steckle Place, Unit 20  
Postal Code, city: Kitchener, Ontario N2E 2C3, CA  
WWW: www.weicon.ca  
E-mail: info@weicon.ca  
Telephone: +1-519-896-5252  
Telefax: +1-519-896-5254  
Dept. responsible for information:  
Product-Safety-Department  
Telephone: +49(0)251 / 9322 - 0, Email: msds@weicon.de  
Additional information: WEICON GmbH & Co. KG  
Königsberger Straße 255  
Münster 48157  
www.weicon.de  
info@weicon.de  
+49(0)251 / 9322 - 0  
+49(0)251 / 9322 - 244

### Emergency phone number

GIZ, Bonn Germany ( English )  
Telephone: +49(0)228 / 19 240

## 2. Hazards identification

### Emergency overview

Appearance: Form: Aerosol  
Color: amber  
Odor: characteristic  
Classification: Aerosol - Category 1; Specific Target Organ Toxicity (Single Exposure) - Category 3;  
Hazard symbols:



Signal word: **Danger**  
Hazard statements: Extremely flammable aerosol.  
Pressurised container: May burst if heated.  
May cause drowsiness or dizziness.



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in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

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Precautionary statements: 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 spray.  
Use only outdoors or in a well-ventilated area.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTER/doctor if you feel unwell.  
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.  
Dispose of contents/container to hazardous or special waste collection point.

### Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

### Hazards not otherwise classified

Lengthy or repeated contact may cause skin irritation. Higher doses may have a narcotic effect.  
Exposure to temperatures exceeding 122 °F will increase pressure: resulting in danger of bursting or explosion.  
Potentially explosive mixtures may form if adequate ventilation is not provided.  
see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterization: Preparation of active ingredients with propellant

Hazardous ingredients:

CAS No.	Designation	Content	Classification
CAS 64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	25 - 50 %	Flammable Liquid - Category 3. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aspiration Toxicity - Category 1.
CAS 64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic	10 - 25 %	not applicable
CAS 95-63-6	1,2,4-Trimethylbenzene	0.1 - 1 %	Flammable Liquid - Category 3. Acute Toxicity - inhalative - Category 4. Skin Irritation - Category 2. Eye Irritation - Category 2A. Specific Target Organ Toxicity (Single Exposure) - Category 3. Aquatic toxicity - chronic - Category 2.
CAS 106-97-8	Butane	10 - 25 %	Flammable Gas - Category 1. Compressed Gas.
CAS 74-98-6	Propane	2.5 - 10 %	Flammable Gas - Category 1. Compressed Gas.



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## 4. First aid measures

General information: Take off immediately all contaminated clothing and wash it before reuse.

In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.

Following skin contact: After contact with skin, wash immediately with soap and plenty of water. Consult a doctor if skin irritation persists.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an ophthalmologist.

After swallowing: Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately get medical attention.

### Most important symptoms/effects, acute and delayed

Lengthy or repeated contact may cause skin irritation.  
May cause drowsiness or dizziness.

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

-142.6 °F

Auto-ignition temperature: not self-igniting

Suitable extinguishing media:

Alcohol resistant foam, dry chemical powder, water mist, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

full water jet

### Specific hazards arising from the chemical

Extremely flammable aerosol.  
Do not expose to high temperature. Danger of bursting and explosion.  
May form dangerous gases and vapours in case of fire.  
Carbon monoxide and carbon dioxide.  
Potentially explosive vapor/air mixtures may form.

Protective equipment and precautions for firefighters:

Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.

Additional information: Cool endangered containers with water jetspray. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

## 6. Accidental release measures

Personal precautions: Provide adequate ventilation. Do not breathe gas/vapor/spray. Avoid contact with the substance.  
Eliminate all ignition sources if safe to do so. Wear protective equipment. Keep unprotected people away.  
Do not open or incinerate, even when empty. Do not spray into flames or on incandescent objects.

Environmental precautions:

Do not allow to enter into ground-water, surface water or drains.  
In case of release, notify competent authorities. Danger of explosion!



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Methods for clean-up: Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Beware of reignition. Thoroughly clean surrounding area.

Additional information: Use explosion-proof equipment and non-sparking tools/utensils.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Provide room air exhaust at ground level.

Do not breathe gas/vapor/spray. Avoid contact with skin and eyes.

Wear protective equipment. Take off immediately all contaminated clothing and wash it before reuse.

Precautions against fire and explosion:

Container under pressure. Do not open or incinerate, even when empty. Do not spray into flames or on incandescent objects.

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Use only explosion-protected equipment/instruments. Do not weld.

In partially filled containers explosive mixtures may form. Vapors may form explosive mixtures with air.

### Storage

Requirements for storerooms and containers:

Keep container tightly closed and in a well-ventilated place.

Keep container dry. Keep only in the original container.

Protect from heat and direct sunlight. Keep at temperature not exceeding 122 °F.

Store containers in upright position. Explosion protection required. Store locked up.

Hints on joint storage: Do not store together with combustible or self-igniting materials or any highly flammable solids.

Keep away from food, drink and animal feedingstuffs.

## 8. Exposure controls / personal protection

### Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
95-63-6	1,2,4-Trimethylbenzene	USA: ACGIH: TWA	123 mg/m <sup>3</sup> ; 25 ppm
		USA: NIOSH: TWA	125 mg/m <sup>3</sup> ; 25 ppm
106-97-8	Butane	USA: ACGIH: TWA	2370 mg/m <sup>3</sup> ; 1000 ppm
		USA: NIOSH: TWA	1900 mg/m <sup>3</sup> ; 800 ppm
74-98-6	Propane	USA: NIOSH: TWA	1800 mg/m <sup>3</sup> ; 1000 ppm
		USA: OSHA: TWA	1800 mg/m <sup>3</sup> ; 1000 ppm

### Engineering controls

Provide for good ventilation or exhaust system or work with completely self-contained equipment. Use only explosion-proof equipment.

See also information in chapter 7, section storage.



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### Personal protection equipment (PPE)

Eye/face protection	Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010.
Skin protection	Flame retardant, antistatic and chemical resistant protective clothing. Protective gloves according to OSHA Standard - 29 CFR: 1910.138 (Solvent resistant protective gloves). Glove material: Nitrile rubber Layer thickness: >=0.5 mm Breakthrough time: >480 min Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
Respiratory protection:	Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used!
General hygiene considerations:	Use only non-sparking tools. Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Do not breathe gas/vapor/spray. Avoid contact with skin and eyes. Take off contaminated clothing and wash it before reuse. When using do not eat, drink or smoke. Wash hands before breaks and after work.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Form: Aerosol Color: amber
Odor:	characteristic
Odor threshold:	not determined
pH value:	not determined
Melting point/freezing point:	not determined
Initial boiling point and boiling range:	-47.2 °F
Flash point/flash point range:	-142.6 °F
Evaporation rate:	not determined
Flammability:	Extremely flammable aerosol.
Explosion limits:	LEL (Lower Explosion Limit): 0.60 Vol-% UEL (Upper Explosive Limit): 10.90 Vol-%
Vapor pressure:	at 68 °F: 2100 hPa
Vapor density:	not determined
Density:	at 68 °F: 0.715 g/cm³
Solubility:	not determined
Water solubility:	slightly miscible
Partition coefficient: n-octanol/water:	not determined
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	No decomposition when used properly.
Viscosity, dynamic:	not determined
Viscosity, kinematic:	not determined
Explosive properties:	Product is not explosive. Potentially explosive vapor/air mixtures may form.
Ignition temperature:	518 °F



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Solvent content: 67.1 %  
Solid content: 7.5 %

## 10. Stability and reactivity

Reactivity: Extremely flammable aerosol.  
Vapors may form explosive mixtures with air.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions  
Container under pressure.  
Do not expose to high temperature. Danger of bursting and explosion.

Conditions to avoid: Keep away from heat sources, sparks and open flames.  
Protect from direct exposure to sunlight and temperatures exceeding 122 °F.

Incompatible materials: Do not store together with combustible or self-igniting materials or any highly flammable solids.

Hazardous decomposition products:  
May form dangerous gases and vapours in case of fire.  
Carbon monoxide and carbon dioxide

Thermal decomposition: No decomposition when used properly.

## 11. Toxicological information

### Toxicological tests

Toxicological effects: The statements are derived from the properties of the single components. No toxicological data is available for the product as such.

Acute toxicity (oral): Based on available data, the classification criteria are not met.

ATEmix (calculated): > 5000 mg/kg

Acute toxicity (dermal): Based on available data, the classification criteria are not met.

ATEmix (calculated): > 5000 mg/kg

Acute toxicity (inhalative): Based on available data, the classification criteria are not met.

ATEmix (calculated): > 5 mg/L

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Specific Target Organ Toxicity (Single Exposure) - Category 3 = May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Based on available data, the classification criteria are not met.

Other information: Information about Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:  
LD50, Rat, oral: > 5000 mg/kg  
LD50, Rabbit, dermal: > 5000 mg/kg  
LC50, Rat, inhalative: 4.951 mg/L/4h  
Further hazardous properties cannot be excluded.

**General remarks**

Handle in accordance with good industrial hygiene and safety practice.

**12. Ecological information****Ecotoxicity**

Aquatic toxicity: Information about Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:  
Algae toxicity: EC50 Pseudokirchneriella subcapitata (green algae): > 1000 mg/L/72h  
Daphnia toxicity: EC50 Daphnia magna (Big water flea): 1000 mg/L/48 h.  
Fish toxicity: LC50 Oncorhynchus mykiss: > 1000 mg/L/96h

**Mobility in soil**

no data available

**Persistence and degradability**

Further details: no data available

**Additional ecological information**

Volatile organic compounds (VOC):

67.11 % by weight = 480 g/L

General information: Do not allow to enter undiluted resp. in large quantities into surface water or into drains.

**13. Disposal considerations****Product**

Recommendation: Do not open with force or incinerate, even when empty.  
Dispose of as hazardous waste. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Recommendation: Dispose of waste according to applicable legislation. Handle empty containers with care. Incineration may cause explosion. Spray can must be completely empty for proper waste disposal.

**14. Transport information****USA: Department of Transportation (DOT)**

Identification numbers: UN1950  
Proper shipping name: UN 1950, AEROSOLS  
DOT hazard class or division: 2.1  
Label codes: 2.1  
Special provisions: N82  
Packaging - Exceptions: 306  
Packaging - Non-bulk: None  
Packaging - Bulk: None  
Quantity limitations - Passenger aircraft / rail: 75 kg  
Quantity limitations - Cargo only: 150 kg  
Vessel stowage - Location: A  
Vessel stowage - Other: 25, 87, 126





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### Sea transport (IMDG)

UN number:	UN 1950
Proper shipping name:	UN 1950, AEROSOLS
IMDG:	Class 2.1, Subrisk -
Packing Group:	-
EmS:	F-D, S-U
Special provisions:	63, 190, 277, 327, 344, 959
Limited quantities:	1000 mL
EQ:	E0
Contaminated packaging - Instructions:	P207, LP02
Contaminated packaging - Provisions:	PP87, L2
IBC - Instructions:	-
IBC - Provisions:	-
Tank instructions - IMO:	-
Tank instructions - UN:	-
Tank instructions - Provisions:	-
Stowage and handling:	SW1 SW22
Segregation:	SG69
Properties and observations:	-
Marine pollutant:	no

### Air transport (IATA)

UN/ID number:	UN 1950
Proper shipping name:	UN 1950, AEROSOLS, flammable
ICAO/IATA:	Class 2.1
Hazard:	Flamm. gas
EQ:	E0
Passenger Ltd.Qty.:	Pack.Instr. Y203 - Max. Net Qty/Pkg. 30 kg G
Passenger:	Pack.Instr. 203 - Max. Net Qty/Pkg. 75 kg
Cargo:	Pack.Instr. 203 - Max. Net Qty/Pkg. 150 kg
Special Provisioning:	A145 A167 A802
ERG:	10L



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## 15. Regulatory information

### National regulations - U.S. Federal Regulations

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics:	TSCA Inventory: listed; UVCB TSCA HPVC: not listed
Distillates (petroleum), solvent-dewaxed heavy paraffinic:	TSCA Inventory: listed; UVCB TSCA HPVC: not listed
1,2,4-Trimethylbenzene:	TSCA Inventory: listed TSCA HPVC: not listed Other Environmental Laws: SARA Title III Section 313, Toxic Release: Conc. 1.0% / Threshold Standard NIOSH Recommendations: Occupational Health Guideline: 0638
Butane:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f NIOSH Recommendations: Occupational Health Guideline: 0068*
Propane:	TSCA Inventory: listed TSCA HPVC: not listed Clean Air Act: Accidental Release Prevention: Threshold 10000 lbs. / Basis for listing = f NIOSH Recommendations: Occupational Health Guideline: 0524

**National regulations - U.S. State Regulations**

1,2,4-Trimethylbenzene:

California Proposition 65 code: not listed

Delaware Air Quality Management List:

DRQ: 100 - RQ State: State requirement differs from Federal  
Maine Hazardous Air Pollutants:

Me 2005: HAP - Hap Rpt: 1000

Massachusetts Haz. Substance codes: F7 F9

New Jersey RTK Hazardous Substance:

DOT: 1263 - Sub No.: 2716 - TPQ: -

Pennsylvania Haz. Substance code: E

Butane:

Delaware Air Quality Management List:

DRQ: F 1000\*\* - RQ State: State requirements differs from Federal  
Massachusetts Haz. Substance codes: 4,5,6

Minnesota Haz. Substance:

Codes: A - Ratings: - - Status: Title III

New Jersey RTK Hazardous Substance:

DOT: 1011 - Sub No.: 0273 - TPQ: -

Pennsylvania Haz. Substance code: -

Washington Air Contaminant:

TWA: 800 ppm - 1900 mg

Propane:

California Proposition 65 code: -

Delaware Air Quality Management List:

DRQ: F 1000\*\* - RQ State: State requirements differs from Federal

Massachusetts Haz. Substance codes: 2,4,5,6

Minnesota Haz. Substance:

Codes: AP - Ratings: - - Status: Title III

New Jersey RTK Hazardous Substance:

DOT: 1978 - Sub No.: 1594 - TPQ: -

Pennsylvania Haz. Substance code: -

Washington Air Contaminant:

TWA: 1000 ppm - 1800 mg

**National regulations - Great Britain**

Hazchem-Code:

-

**16. Other information**

Text for labeling:

Contains 25 - 50 % Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics, 10 - 25 % Distillates (petroleum), solvent-dewaxed heavy paraffinic, 0.1 - 1 % 1,2,4-Trimethylbenzene, 10 - 25 % Butane, 2.5 - 10 % Propane. Safety data sheet available on request.

Hazard rating systems:



NFPA Hazard Rating:

Health: 2 (Moderate)  
Fire: 4 (Severe)  
Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 2 (Moderate)  
Flammability: 4 (Severe)  
Physical Hazard: 0 (Minimal)  
Personal Protection: X = Consult your supervisor

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	4
PHYSICAL HAZARD	<input type="checkbox"/>	0

Reason of change:

Changes in section 3: Composition / Information on ingredients  
Changes in section 4, 8, 9, 11: General revision

Date of first version:

Nov/25/2015

**Department issuing data sheet**

Contact person:

see section 1: Dept. responsible for information



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The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.