Safety Data Sheet
acc. to OSHA HCS

Printing date 04/17/2018 Reviewed on 04/17/2018

*
1 Identification

. **Product identifier**

. Trade name: **Midwest Plus Spray**

. Article number: REF 380080M

. Application of the substance / the mixture: Grinding auxiliary product

. **Details of the supplier of the safety data sheet**

. Manufacturer/Supplier:

Supplier:
SIRONA Dental Systems GmbH
Fabrikstraße 31
D-64625 Bensheim
http.//www.sirona.de
Telefon:+49(0)6251/16-1670
Telefax:+49(0)6251/16-1818

Manufacturer:
Graichen Produktions-und Vertriebs-GmbH
Darmstädterstraße 127-129
D-64625 Bensheim
Germany
Tel.: +49 6251 73103
Fax: +49 6251 77901
E-Mail: ehs@graichen-bensheim.de
www.graichen.net

. Information department: Environment protection department

. Emergency telephone number: Advice centre for poisoning university Mainz phone +49(0)6131/19240 or poison information:+49(0)700/GIFTINFO

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2 Hazard(s) identification

. **Classification of the substance or mixture**

Flam. Aerosol 1	H222	Extremely flammable aerosol.
Press. Gas	H280	Contains gas under pressure; may explode if heated.
Skin Irrit. 2	H315	Causes skin irritation.
Repr. 2	H361	Suspected of damaging fertility or the unborn child.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Acute 2	H401	Toxic to aquatic life.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

. **Label elements**

. GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

. Hazard pictograms

GHS02 GHS04 GHS07 GHS08

. Signal word: Danger

. Hazard-determining components of labeling:
Hydrocarbons, C7, n-Alkanes, Cyclics
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane
Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane
Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane

. Hazard statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

. Precautionary statements
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only in accordance with SDS information. For a copy call 800-800-2888 or visit www.dentsplysirona.com.
Do not ingest, inhale, or get in eyes.
Use proper barrier protection while using this product. Keep unprotected persons away.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If you experience breathing difficulty, supply fresh air and seek immediate medical attention
The product generally does not irritate skin, but if irritations occurs seek medical attention. If problems persist, seek medical attention.
If swallowing occurs, seek immediate medical attention. Do NOT induce vomiting.

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Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

. **Information pertaining to particular dangers for man and environment:**
WARNING:
This product can expose you to chemicals including n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov.

. NFPA ratings (scale 0 - 4)

Health = 1
Fire = 4
Reactivity = 3

. HMIS-ratings (scale 0 - 4)

Health = 1
Fire = 4
Reactivity = 3

. **Other hazards**
. Results of PBT and vPvB assessment
. PBT: Not applicable.
. vPvB: Not applicable.

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3 Composition/information on ingredients

. **Chemical characterization: Mixtures**
. Description: Active substance with propellant

. Dangerous components:

106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0)) Flam. Gas 1, H220; Press. Gas, H280	25-50%
74-98-6	propane Flam. Gas 1, H220; Press. Gas, H280	10-25%
	Hydrocarbons, C7, n-Alkanes, Cyclics Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	2.5-10%
	Hydrocarbons, C6, Isoalkanes, <5% n-Hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	2.5-10%
64742-49-0	Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336; Aquatic Acute 2, H401	2.5-10%
	Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336; Aquatic Acute 2, H401	2.5-10%
110-54-3	n-hexane Flam. Liq. 2, H225; Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	<2.5%

. Additional information: For the wording of the listed hazard phrases refer to section 16.

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4 First-aid measures

. **Description of first aid measures**
. General information: Personal protection for the First Aider.
Take affected persons out of danger area and lay down.
. After inhalation: In case of unconsciousness place patient stably in side position for transportation.
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
. After skin contact: If skin irritation continues, consult a doctor.
Wash with water and soap and rinse thoroughly
. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
. After swallowing: A person vomiting while lying on their back should be turned onto their side.
Do not induce vomiting; immediately call for medical help.
. Information for doctor:
. Most important symptoms and effects, both acute and delayed: No further relevant information available.
. Indication of any immediate medical attention and special treatment needed: No further relevant information available.

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5 Fire-fighting measures

. **Extinguishing media**
. Suitable extinguishing agents: CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
. For safety reasons unsuitable extinguishing agents: Water with full jet

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. **Special hazards arising from the substance or mixture** In case of fire, the following can be released:
Carbon monoxide (CO)
Carbondioxid (CO_2)

. **Advice for firefighters**

. Protective equipment: Wear self-contained respiratory protective device.

. **Additional information** Cool endangered receptacles with water spray.

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6 Accidental release measures

. **Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation
Keep away from ignition sources

. **Environmental precautions:** Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

. **Methods and material for containment and cleaning up:** Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents

. **Reference to other sections** See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

. **Protective Action Criteria for Chemicals**

. PAC-1:		
106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0))	5500* ppm
74-98-6	propane	5500* ppm
75-28-5	isobutane (containing ≤ 0,1 % butadiene (106-99-0))	5500* ppm
110-54-3	n-hexane	260 ppm
	1-Buten	750 ppm
	2-Buten	750 ppm
110-82-7	cyclohexane	300 ppm

. PAC-2:		
106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0))	17000** ppm
74-98-6	propane	17000** ppm
75-28-5	isobutane (containing ≤ 0,1 % butadiene (106-99-0))	17000** ppm
110-54-3	n-hexane	2900* ppm
	1-Buten	2900* ppm
	2-Buten	1,100 ppm
110-82-7	cyclohexane	1700* ppm

. PAC-3:		
106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0))	53000*** ppm
74-98-6	propane	33000*** ppm
75-28-5	isobutane (containing ≤ 0,1 % butadiene (106-99-0))	53000*** ppm
110-54-3	n-hexane	8600** ppm
	1-Buten	17000*** ppm
	2-Buten	6,600 ppm
110-82-7	cyclohexane	10000** ppm

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7 Handling and storage

. **Handling:**

. Precautions for safe handling Open and handle receptacle with care.

. Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Do not spray on a naked flame or any incandescent material.

. **Conditions for safe storage, including any incompatibilities**

. Storage:

. Requirements to be met by storerooms and receptacles: Store in a cool location.
Observe official regulations on storing packagings with pressurized containers.

. Information about storage in one common storage facility: Store away from foodstuffs.

. Further information about storage conditions: Protect from heat and direct sunlight.
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from heat and direct sunlight.

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. **Specific end use(s)** No further relevant information available.

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8 Exposure controls/personal protection

. **Additional information about design of technical systems:** No further data; see item 7.

. **Control parameters**

. Components with limit values that require monitoring at the workplace:

EINECS: 265-151-9 Naphhta (petroleum), hydrotreated light
AGW 600 mg/m³, 170ml/m³ (german rule)
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

106-97-8 butane (containing ≤ 0,1 % butadiene (106-99-0))	
REL	Long-term value: 1900 mg/m³, 800 ppm
TLV	Short-term value: 2370 mg/m³, 1000 ppm (EX)
74-98-6 propane	
PEL	Long-term value: 1800 mg/m³, 1000 ppm
REL	Long-term value: 1800 mg/m³, 1000 ppm
TLV	refer to Appendix F inTLVs&BEIs book; D, EX
110-54-3 n-hexane	
PEL	Long-term value: 1800 mg/m³, 500 ppm
REL	Long-term value: 180 mg/m³, 50 ppm
TLV	Long-term value: 176 mg/m³, 50 ppm Skin; BEI

. Ingredients with biological limit values:

110-54-3 n-hexane	
BEI	0.4 mg/L Medium: urine Time: end of shift at end of workweek Parameter: 2.5-Hexanedione without hydrolysis

. Additional information: The lists that were valid during the creation were used as basis.

. **Exposure controls**

. Personal protective equipment:

. General protective and hygienic measures: Wash hands before breaks and at the end of work.

. Breathing equipment: Not required.

. Protection of hands: Solvent resistant gloves
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

. Material of gloves Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.7 mm
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

. Penetration time of glove material Value for the permeation: Level ≤ 0,7 mm 480min (8h) EN374
The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

. Eye protection: Tightly sealed goggles

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9 Physical and chemical properties

. **Information on basic physical and chemical properties**

. General Information

. Appearance:

Form: Aerosol

Color: Colorless

. Odor: Characteristic

. Odor threshold: Not determined.

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. pH-value:	Not determined.
. Change in condition Boiling point/Boiling range:	 -44 °C (-47.2 °F)
. Flash point:	-97 °C (-142.6 °F)
. Flammability (solid, gaseous):	Not applicable.
. Ignition temperature:	260 °C (500 °F)
. Decomposition temperature:	Not determined.
. Auto igniting:	Product is not selfigniting.
. Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
. Explosion limits: Lower: Upper:	 1 Vol % 10.9 Vol %
. Vapor pressure at 20 °C (68 °F):	~400 hPa (~300 mm Hg)
. Density at 20 °C (68 °F): . Relative density . Vapor density . Evaporation rate	0.695 g/cm³ (5.7998 lbs/gal) Not determined. Not determined. Not applicable.
. Solubility in / Miscibility with Water:	 Not miscible or difficult to mix.
. Partition coefficient (n-octanol/water):	Not determined.
. Viscosity: Dynamic:	 Not determined.
. Solvent content: Organic solvents: Water: VOC content:	 45.6 % 0.0 % 46.37 %
Solids content: . **Other information**	0.0 % No further relevant information available.

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10 Stability and reactivity

. **Reactivity** No further relevant information available.
. Chemical stability
. Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
. **Possibility of hazardous reactions** No dangerous reactions known.
. **Conditions to avoid** No further relevant information available.
. **Incompatible materials:** No further relevant information available.
. **Hazardous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

. **Information on toxicological effects**
. Acute toxicity:

. LD/LC50 values that are relevant for classification:

106-97-8 butane (containing ≤ 0,1 % butadiene (106-99-0))		
Inhalative	LC50/4h	658 mg/l (rat)
74-98-6 propane		
Inhalative	LC50/4h	>20 mg/l (rat)
Hydrocarbons, C7, n-Alkanes, Cyclics		
Oral	LD50	>5,840 mg/kg (rat)
Dermal	LD50	>2,920 mg/kg (rat)
Inhalative	LC50/4h	>23.3 mg/l (rat)
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane		
Oral	LD50	16,750 mg/kg (rat)
Dermal	LD50	3,350 mg/kg (rabbit)
Inhalative	LC50/4h	259 mg/l (rat)
64742-49-0 Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4h	>20 mg/l (rat)

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Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>20 mg/l (rat)
110-54-3 n-hexane		
Oral	LD50	5,000 mg/kg (mouse)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4h	172 mg/l (rat)

. Primary irritant effect:
. on the skin: No irritant effect.
. on the eye: Irritating effect.
. Sensitization: No sensitizing effects known.
. Additional toxicological information:

. Carcinogenic categories

. IARC (International Agency for Research on Cancer)		
	2,6-Di-tert-butyl-p-kresol	3
89-82-7	Pulegone	2B

. NTP (National Toxicology Program)
None of the ingredients is listed.

. OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

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12 Ecological information

. **Toxicity**

. Aquatic toxicity:	
Hydrocarbons, C7, n-Alkanes, Cyclics	
LL50 (96h)	13.4 mg/l (Oncorhynchus mykiss)
EL50 (48h)	3 mg/l (daphnia magnia/gr. Wasserfloh)
ErL50 (72h)	10-30 mg/l (Pseudokirchnerella subcapitata - Algen)
NOELR (72h)	10 mg/l (Pseudokirchnerella subcapitata - Algen)
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane	
EC50 (48h)	31.9 mg/l (daphnia magnia/gr. Wasserfloh)
EC50 (96h)	18.27 mg/l (Oncorhynchus mykiss)
LC50 (48h)	3.87 mg/l (daphnia magnia/gr. Wasserfloh)
	>1 mg/l (Oryzias latipes)
ErL50 (72h)	55 mg/l (Pseudokirchnerella subcapitata - Algen)
NOELR (72h)	30 mg/l (Pseudokirchnerella subcapitata - Algen)
64742-49-0 Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane	
EC50 (72h)	30 mg/l (Pseudokirchnerella subcapitata - Algen)
LL50 (96h)	11.4 mg/l (Oncorhynchus mykiss)
EL50 (48h)	3 mg/l (daphnia magnia/gr. Wasserfloh)
Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane	
EL50 (48h)	3 mg/l (daphnia magnia/gr. Wasserfloh)
ErL50 (72h)	55 mg/l (Pseudokirchnerella subcapitata - Algen)
NOELR (72h)	30 mg/l (Pseudokirchnerella subcapitata - Algen)
110-54-3 n-hexane	
EC50 (48h)	2.1 mg/l (daphnia magnia/gr. Wasserfloh)
LC50 (24h)	4 mg/l (Carassius auratus)
LC50 (48h)	>1-10 mg/l (Leuciscus idus (Goldorfe))

. **Persistence and degradability**	
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane	
Biodegradability 28d	98 % (---)
110-54-3 n-hexane	
Biodegradability	% (---)

. **Behavior in environmental systems:**

. Bioaccumulative potential	
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane	
Log Pow	>3 (---)
110-54-3 n-hexane	
BCF	242-253 (---)

. Mobility in soil No further relevant information available.

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. **Ecotoxical effects:**
. Remark: Toxic for fish
. **Additional ecological information:**
. General notes: Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
. **Results of PBT and vPvB assessment**
. PBT: Not applicable.
. vPvB: Not applicable.
. **Other adverse effects** No further relevant information available.

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13 Disposal considerations

. **Waste treatment methods**
. Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

. **Uncleaned packagings:**
. Recommendation: Disposal must be made according to official regulations.

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14 Transport information

. **UN-Number**
. DOT, ADR, IMDG, IATA UN1950

. **UN proper shipping name**
. DOT Aerosols, flammable
. ADR 1950 Aerosols
. IMDG AEROSOLS (MOTOR SPIRIT, Hydrocarbons, C6, Isoalkanes, <5% n-Hexane), MARINE POLLUTANT
. IATA AEROSOLS, flammable

. **Transport hazard class(es)**

. DOT

. Class 2.1
. Label 2.1

. ADR

. Class 2 5F Gases
. Label 2.1

. IMDG

. Class 2.1
. Label 2.1

. IATA

. Class 2.1
. Label 2.1

. **Packing group**
. DOT, ADR, IMDG, IATA Void

. **Environmental hazards:** Product contains environmentally hazardous substances: cyclohexane
. Marine pollutant: No
Symbol (fish and tree)

. **Special precautions for user** Warning: Gases
. Danger code (Kemler): -
. EMS Number: F-D,S-U
. Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre:

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.	Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
. Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
. **Transport/Additional information:**	
. ADR	
. Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
. IMDG	
. Limited quantities (LQ)	1L
. Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
. **UN "Model Regulation":**	UN 1950 AEROSOLS, 2.1

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15 Regulatory information

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

. Section 355 (extremely hazardous substances):
None of the ingredients is listed.

. Section 313 (Specific toxic chemical listings):

110-54-3	n-hexane
110-82-7	cyclohexane

. TSCA (Toxic Substances Control Act):

106-97-8	butane (containing ≤ 0,1 % butadiene (106-99-0))
74-98-6	propane
75-28-5	isobutane (containing ≤ 0,1 % butadiene (106-99-0))
110-54-3	n-hexane
	1-Buten
	2,6-Di-tert-butyl-p-kresol
2216-51-5	l-Menthol
	2-Buten
14073-97-3	l-Menthone
110-82-7	cyclohexane
2623-23-6	l-Menthyl acetate (1alpha,2beta,5alpha)
89-82-7	Pulegone
7732-18-5	Wasser (water, Aqua)

. TSCA new (21st Century Act) (Substances not listed)

	Hydrocarbons, C7, n-Alkanes, Cyclics
	Hydrocarbons, C6, Isoalkanes, <5% n-Hexane
64742-49-0	Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane
	Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane

. Proposition 65

. Chemicals known to cause cancer:

89-82-7	Pulegone

. Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

. Chemicals known to cause reproductive toxicity for males:

110-54-3	n-hexane

. Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

. Warnings:

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Warning:
This product can expose you to chemicals including n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm.
This product can expose you to chemicals including Pulegone, which is known to the State of California to cause cancer.
For more information go to www.P65Warnings.ca.gov .

Warning:
This product can expose you to chemicals including n-Hexane, which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to www.P65Warnings.ca.gov."

. Carcinogenic categories

. EPA (Environmental Protection Agency)		
110-54-3	n-hexane	II
110-82-7	cyclohexane	I

. TLV (Threshold Limit Value established by ACGIH)	
2,6-Di-tert-butyl-p-kresol	A4

. MAK (German Maximum Workplace Concentration)	
2,6-Di-tert-butyl-p-kresol	4

. NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

. GHS label elements — The product is classified and labeled according to the Globally Harmonized System (GHS).

. Hazard pictograms

GHS02 GHS04 GHS07 GHS08

. Signal word — Danger

. Hazard-determining components of labeling:
Hydrocarbons, C7, n-Alkanes, Cyclics
Hydrocarbons, C6, Isoalkanes, <5% n-Hexane
Hydrocarbons, C6-C7, n-Alkanes, Isoalkanes, Cycloalkanes,<5% n-Hexane
Hydrocarbons,C6-C7,Isoalkanes,Cyclics,<5% Hexane

. Hazard statements
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
Suspected of damaging fertility or the unborn child.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Toxic to aquatic life.
Harmful to aquatic life with long lasting effects.

. Precautionary statements
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only in accordance with SDS information. For a copy call 800-800-2888 or visit www.dentsplysirona.com.
Do not ingest, inhale, or get in eyes.
Use proper barrier protection while using this product. Keep unprotected persons away.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If you experience breathing difficulty, supply fresh air and seek immediate medical attention
The product generally does not irritate skin, but if irritations occurs seek medical attention.
If problems persist, seek medical attention.
If swallowing occurs, seek immediate medical attention. Do NOT induce vomiting.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

. **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

. **Department issuing SDS:** Environment protection department.
. Date of preparation / last revision 04/17/2018 / 1805
. Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances

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Safety Data Sheet
acc. to OSHA HCS

Printing date 04/17/2018 Reviewed on 04/17/2018

Trade name: Midwest Plus Spray

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CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flam. Gas 1: Flammable gases – Category 1
Flam. Aerosol 1: Aerosols – Category 1
Press. Gas: Gases under pressure – Compressed gas
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

. * Data compared to the previous version altered.