

P19 PTFE SILICONE SPRAY

Page 1 Issued: 22/01/2009 Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

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2. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: BUTANE 10-30%

EINECS: 203-448-7 CAS: 106-97-8
[F+] R12
HEPTANE 30-50%
EINECS: 205-563-8 CAS: 142-82-5
[F] R11; [Xi] R38; [N] R50/53; [Xn] R65; [-] R67

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat. May cause drowsiness. Nausea and stomach pain may occur. There may be vomiting.
Inhalation: Drowsiness or mental confusion may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. For persistant irritation seek medical advice.

Eye contact: Bathe the eye with running water for 15 minutes. Make sure contact lenses are removed before rinsing Consult a doctor.

Ingestion: Wash out mouth with water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

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Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious,
	check for breathing and apply artificial respiration if necessary. Consult a doctor.
5. FIRE-FIGHTING MEA	SURES
Extinguishing media:	Use water spray to cool containers. Water spray. Alcohol or polymer foam. Dry chemical
Daniguisining inculu:	powder.
Exposure hazards:	
Exposure nuzurus.	ignition Forms explosive air-vapour mixture. In combustion emits toxic fumes.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin
	and eyes.
6. ACCIDENTAL RELEA	
Personal precautions:	Ensure adequate ventilation. Refer to section 8 of SDS for personal protection details. Eliminate
	all sources of ignition.
Environmental precautions:	Do not discharge into drains or rivers.
Clean-up procedures:	
	rapidly evaporate - ensure sufficient ventialation
7. HANDLING AND STOP	RAGE
Handling requirements:	Ensure there is sufficient ventilation of the area. Use non-sparking tools. Do not handle in a
	confined space. Smoking is forbidden.
Storage conditions:	Store in cool, well ventilated area. Keep away from sources of ignition. Prevent the build up of
	electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a
	source of ignition. Store between 0 and 50'C
Suitable packaging:	Must only be kept in original packaging.
8. EXPOSURE CONTROL	LS / PERSONAL PROTECTION
Hazardous ingredients:	BUTANE
	WEL (8 hr TWA): 1450 mg/m3 WEL (15 min STEL): 1810 mg/m3
•	HEPTANE
	WEL (8 hr TWA): 500 ppm
Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not
	a source of ignition.
Respiratory protection:	Respiratory protection not required. in normal use. Gas/vapour filter, type A: organic vapours
	(EN141). and must be worn if vapour concentration exceeds OES
Hand protection:	Protective gloves.
Eye protection:	Safety goggles. where there is a danger of eye contact

Skin protection: Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Aerosol
Colour:	Various
Odour:	Characteristic odour
Evaporation rate:	Fast
Viscosity:	Non-viscous
Flammability limits %: lower:	1.8
upper:	9.5
Flash point°C:	<-40
Autoflammability°C:	410-580

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat. Sources of ignition. Flames. Direct sunlight.
Haz. decomp. products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:	HEPTANE
	IVN MUS LD50 222 mg/kg
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

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Mobility:	Highly volatile. Heavier than air.
Persistence and degradability:	No data available.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

 Disposal operations:
 Dispose of according to local or national legislation

 Disposal of packaging:
 Make sure containers are empty before discarding (explosion risk). Do not pucture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements

 NB:
 The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: 1950

ADR Class: 2

Classification code: 5F

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Shipping name: AEROSOLS Labelling: 2.1 IMDG / IMO **UN no:** 1950 Class: 2 EmS: F-D,S-U Marine pollutant: Labelling: 2.1 IATA / ICAO UN no: 1950 Class: 2 Labelling: 2.1 **15. REGULATORY INFORMATION** Hazard symbols: Extremely flammable. Irritant. Dangerous for the environment. Risk phrases: R12: Extremely flammable. R38: Irritating to skin. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67: Vapours may cause drowsiness and dizziness. Safety phrases: S2: Keep out of the reach of children. S29: Do not empty into drains. S46: If swallowed, seek medical advice immediately and show this container or label. S51: Use only in well-ventilated areas. S61: Avoid release to the environment. Refer to special instructions / safety data sheets. Pressurized container: protect from sunlight and do not expose to temperatures exceeding **Precautionary phrases:** 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Haz. ingredients (label): HEPTANE Note: The regulatory information given above only indicates the principal regulations specifically

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applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.3:	R12: Extremely flammable.
	R11: Highly flammable.
	R38: Irritating to skin.
	R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic
	environment.
	R65: Harmful: may cause lung damage if swallowed.
	R67: Vapours may cause drowsiness and dizziness.
Legal disclaimer:	The above information is believed to be correct but does not purport to be all inclusive and shall
	be used only as a guide. This company shall not be held liable for any damage resulting from
	handling or from contact with the above product.