

RGS Labs FW1 FASTWAX

SAFETY DATA SHEET

According To Australian Model Workplace Health and Safety (WHS) Regulations

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifier	
Chemical Name	Not applicable.
Trade name	RGS Labs FW1 Fastwax
Product Code	10-500753-1
CAS No.	Mixture
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	Automotive Care Product
Uses advised against	None.
1.3 Details of the supplier of the safety data sheet	
Company Identification	Spray Products Corporation P.O. Box 737 Norristown, PA 19404
Telephone	+1 (610) 277-1010
Fax	+1 (610) 277-4390
E-mail	sds@sprayproducts.com
Distributor	Appco Group Australia Pty Ltd Level 6, 80 Cooper Street Surry Hills, NSW 2010 Australia
Telephone	+61 2 8219 7900
1.4 Emergency telephone number	
Emergency Phone No.	Transportation Emergency: CHEMTREC 24 hr. 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
GHS Classification	Flam. Aerosol 1 Skin Irrit. 2 STOT SE 3 Asp. Tox. 1
2.2 Label elements	
Hazard Symbol	
Signal word(s)	Danger
Hazard statement(s)	H222: Extremely flammable aerosol. H229: Pressurised container: May burst if heated H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H336: May cause drowsiness or dizziness.
Precautionary statement(s)	P210: Keep away from heat/sparks/open flames/hot surfaces. – No smoking. P211: Do not spray on an open flame or other ignition source. P251: Pressurized container: Do not pierce or burn, even after use. P261: Avoid breathing vapours. P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F. P102: Keep out of reach of children.

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2.3 Other hazards

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredient(s)	%W/W	CAS No.	Hazard classification
Heptane, branched, cyclic and linear	5 - 10	426260-76-6	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 3; H412
Distillates (petroleum), hydrotreated light	5 - 10	64742-47-8	Asp. Tox. 1; H304
Propane	5 - 10	74-98-6	Flam. Gas 1, H220 Press. Gas (*)
Sodium Nitrite	0.5	7632-00-0	Oxd. Solid 2; H272 Acute Tox. 3; H301 Eye Irrit. 2; H319

For full text of H/P phrases see section 16.

SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

May be fatal if swallowed and enters airways. Will cause skin irritation. Vapours may cause drowsiness and dizziness.

4.3 Indication of the immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

-Suitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.

-Unsuitable Extinguishing Media

Do not use water jet.

5.2 Special hazards arising from the substance or mixture

Highly flammable vapour (flash point below 23°C).

5.3 Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- | | | |
|------------|--|---|
| 6.1 | Personal precautions, protective equipment and emergency procedures | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Take precautionary measures against static discharges. Avoid contact with skin and eyes. |
| 6.2 | Environmental precautions | Prevent liquid entering sewers, basements and workpits. |
| 6.3 | Methods and material for containment and cleaning up | Cover spills with inert absorbent material. Transfer to a container for disposal or recovery. |
| 6.4 | Reference to other sections | None |

SECTION 7: HANDLING AND STORAGE

- | | | |
|------------|---|--|
| 7.1 | Precautions for safe handling | Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only. |
| 7.2 | Conditions for safe storage, including any incompatibilities | |
| | -Storage Temperature | Keep in a cool, well ventilated place. Store at temperatures not exceeding 50°C / 122 °F. |
| | -Incompatible materials | This product should be stored away from sources of strong heat or oxidising chemicals. |
| 7.3 | Specific end use(s) | Automotive Care Product |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1** Control parameters
- 8.1.1** Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note:
Heptane, branched, cyclic and linear	426260-76-6	-----	1500 mg/m³	-----	-----	ACGIH® TLV®
Oil mist (mineral)	-----	-----	5	-----	10	OEL (Australia)
Propane	74-98-6	1000	1800	-----	-----	OEL (Australia)

Biological limit value

Limit value type (country of origin)	SUBSTANCE.	CAS No.	Biological limit value	Note:
None known	None	-----	None	None

- | | | |
|--------------|---|---|
| 8.1.2 | Recommended monitoring method | UK HSE Method 96 (n-Heptane); NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C) ; NIOSH 5026 (Oil mist; mineral) |
| 8.2 | Exposure controls | |
| 8.2.1 | Appropriate engineering controls | Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits. |

8.2.2 Personal protection equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)

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Respiratory protection



In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Not normally required.

8.2.3 Environmental Exposure Controls

None assigned.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid / Liquefied gas
Colour	Clear
Odour	Petroleum spirit
Odour Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	-104 (Propane)
Evaporation rate	Not available
Flammability (solid, gas)	Extremely flammable
Explosive limit ranges	2.1% - 9.5% v/v (Propane)
Vapour Pressure (Pascal)	ca. 95×10^4 (Propane)
Vapour Density (Air=1)	ca. 1.56 @ 0°C (Propane)
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Temperature (°C)	450 (Propane)
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cP)	<20
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	Stable under normal conditions.
10.2 Chemical stability	Stable.
10.3 Possibility of hazardous reactions	None anticipated.
10.4 Conditions to avoid	Avoid contact with heat and ignition sources.
10.5 Incompatible materials	Strong oxidising agents
10.6 Hazardous Decomposition Product(s)	None known

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.1 Substances

Not applicable

11.1.2 Mixtures

No data

11.1.3 Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity

Oral: LD50 >5 g/kg-bw
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 = 65 - 103 mg/L (Vapour), 4-hr. rat
May cause drowsiness or dizziness.

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Irritation/Corrosivity	Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects) LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects) May cause drowsiness or dizziness.
Carcinogenicity	No data. It is unlikely to present a carcinogenic hazard to man.
Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	None anticipated
Propane (CAS# 74-98-6):	
Acute toxicity	Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)
Irritation/Corrosivity	No evidence of irritant effects from normal handling and use.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	NOAEC: ≥19678 mg/m3 (28-day, rat, Systemic effects) LOAEC: 21641 mg/m3 (28-day, rat, effects: Body weight)
Carcinogenicity	No data. It is unlikely to present a carcinogenic hazard to man.
Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	None anticipated

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

12.1.1 Substances in preparations / mixtures

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Short term

LL50 (96 hour): >13.4 mg/L (*Oncorhynchus mykiss*)
EL50 (48 hour): 3 mg/l (*Daphnia magna*, mobility)
EC50 (96 hour): 13 mg/l (*Pseudokirchnerella subcapitata*)

Long Term

NOELR (28 days) 1.5 mg/l (*Fish*) QSAR
LOEC (21 days): 0.32 mg/l (*Daphnia magna*)
NOEL (96 hour) 6.3 mg/l (*Algae*)

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	Land transport (ADG)	Sea transport (IMDG)	Air transport (ICAO/IATA)
14.1 UN number	1950	1950	1950
14.2 Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
14.3 Transport hazard class(es)	2.1	2.1	2.1
14.4 Packing Group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	None assigned	None assigned	None assigned
14.6 Special precautions for user	None assigned	None assigned	None assigned
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable		

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

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15.1.1 National regulations	Listed
Dangerous to the ozone layer.	No.
Persistent Organic Pollutants	No.
Export/Import of Dangerous Chemicals	No.
15.2 Chemical Safety Assessment	Not applicable

SECTION 16: OTHER INFORMATION

Additional Information None

The following sections contain revisions or new statements: 1-16.

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H220: Extremely flammable gas.
- H225: Highly flammable liquid and vapour.
- H272: May intensify fire; oxidiser.
- H301: Toxic if swallowed.
- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

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