

RGS Labs FW1 Wash & Wax

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| | |
|---------------|--|
| Chemical Name | Mixture |
| CAS No. | Mixture |
| Trade Name | RGS Labs FW1 Wash & Wax |
| Product Code | 10-500753, 10-500753-1,10-500753-1HOME, 10-500753-2.01, 10-500753HOME, , 10-500872, 10-500872-1.01,10-500973 |

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

| | |
|----------------------|-------------------------|
| Identified Use(s) | Automotive Care Product |
| Uses Advised Against | None |

| | |
|---------------------------|--|
| Company Identification | Spray Products Corporation P.O. Box 737 Norristown, PA 19404 |
| Telephone | (610) 277-1010 |
| Fax | (610) 277-4390 |
| E-Mail (competent person) | sds@sprayproducts.com |

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

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 1; Liquefied gas; Skin Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements

Hazard Symbol



Signal word(s)

DANGER

Hazard Statement(s)

Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

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Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
Wear protective gloves/protective clothing/eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Avoid breathing spray.
Wash hands and exposed skin after use.
Keep out of reach of children.
Harmful to aquatic life.

Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous ingredient(s) | %W/W * | CAS No. | Hazard classification |
|-------------------------|--------|---------|---|
| Petroleum Distillates | 5 - 20 | various | Flam. Liq. 2; H225 Asp. Tox. 1; H304 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 3; H412 |
| Propane | 5 - 10 | 74-98-6 | Flam. Gas 1, H220 Press. Gas (*) |

Additional Information - None

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

SECTION 4: FIRST AID MEASURES



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 | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Ingestion | Do not give anything by mouth to an unconscious person. Do NOT induce vomiting. |

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.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media

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

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-Unsuitable Extinguishing Media

Do not use water jet.

Special hazards arising from the substance or mixture

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

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Avoid contact with skin and eyes. Avoid breathing gas/spray. Avoid contact with skin and eyes.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Use product in a well-ventilated area only.

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 oxidizing chemicals.

Specific end use(s)

Automotive Care Product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| SUBSTANCE. | CAS No. | (8hr TWA) | | (STEL) | | Note: |
|--|-------------|------------|------------------------|------------|-------------|------------|
| | | PEL (OSHA) | TLV (ACGIH) | PEL (OSHA) | TLV (ACGIH) | |
| Heptane, branched, cyclic and linear | 426260-76-6 | 500 ppm* | 1500 mg/m ³ | ----- | ----- | *n-heptane |
| C ₉ -C ₁₅ Alkanes & Cycloalkanes | Mixture | ----- | 1200 mg/m ³ | ----- | ----- | |
| Propane | 74-98-6 | 1000 ppm | Aspyx.# | ----- | ----- | # |

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C); NIOSH 1550 (Naphthas)

Exposure controls

Appropriate engineering controls

Use only with adequate ventilation to keep exposures (airborne levels of dust, fume, vapour etc) below recommended exposure limits.

Personal protection equipment

Eye/face protection

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



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Skin protection (Hand protection/ Other)



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

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|--------------------------------|
| Appearance | Liquid / Liquefied gas |
| Color. | Clear |
| Odor | Petroleum spirit |
| Odor 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) |
| Vapor pressure (Pascal) | ca. 95×10^4 (Propane) |
| Vapor 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 Point (°C) | 450 (Propane) |
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity (cSt) | <20 |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidising. |
| Other information | Not available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | Stable under normal conditions. |
| Chemical stability | Stable. |
| Possibility of hazardous reactions | None anticipated. |
| Conditions to avoid | Avoid contact with heat and ignition sources. |
| Incompatible materials | This product should be stored away from sources of strong heat or oxidizing chemicals. |
| Hazardous decomposition product(s) | None known |

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

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

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| | |
|--------------------------------|--|
| 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. |
| 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 |
| <u>Propane (CAS# 74-98-6):</u> | |
| 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

Aquatic toxicity:

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

| | |
|-------------------|---|
| Short term | LL50 (96 hour): >13.4 mg/L (<i>Oncorhynchus mykiss</i>) EL50 (48 hour): 3 mg/l (<i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l (<i>Pseudokirchnerella subcapitata</i>) |
| Long Term | NOELR (28 days) 1.5 mg/l (<i>Fish</i>) QSAR LOEC (21 days): 0.32 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 6.3 mg/l (<i>Algae</i>) |

SECTION 13: DISPOSAL CONSIDERATIONS

| | |
|--------------------------------|--|
| 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. |
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SECTION 14: TRANSPORT INFORMATION

| | <u>U.S. DOT</u> | <u>Sea transport (IMDG)</u> | <u>Air transport (ICAO/IATA)</u> |
|-----------------------------------|---------------------|-----------------------------|----------------------------------|
| UN number | 1950 | 1950 | 1950 |
| Proper Shipping Name | Aerosols, flammable | Aerosols, flammable | Aerosols, flammable |
| Transport hazard class(es) | 2.1 | 2.1 | 2.1 |
| Packing group | Not applicable | Not applicable | Not applicable |

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Environmental hazards None assigned None assigned None assigned
Special precautions for user None assigned None assigned None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

| Chemical Name | CAS No. | Typical %wt. | RQ (Pounds) |
|----------------|-----------|--------------|-------------|
| Sodium Nitrite | 7632-00-0 | 0.5 | 100 |

SARA 311/312 - Hazard Categories: See SECTION 2: HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

| Chemical Name | CAS No. | Typical %wt. |
|----------------|-----------|--------------|
| Sodium Nitrite | 7632-00-0 | 0.5 |

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

| Chemical Name | CAS No. | Typical %wt. | TPQ (pounds) |
|---------------|---------|--------------|--------------|
| None | ---- | ---- | ---- |

California Proposition 65 List:

| Chemical Name | CAS No. | Type of Toxicity |
|---------------|---------|------------------|
| None | ---- | ---- |

SECTION 16: OTHER INFORMATION

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

Date of preparation: September 23, 2014

Hazard Statement(s) and Risk Phrases Listed in:

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.
- H401: Toxic to aquatic life.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

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