



SAFETY DATA SHEET

1. Identification

Product identifier Velocity One-Step Polish & Wax

Other means of identification

Product Code 2650

Recommended use Vehicle Wax

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Malco Products, Inc.
Address 361 Fairview Ave
Barberton, OH 44203
United States

Telephone Phone 800-253-2526
Fax 330-753-2025

Website www.malcopro.com
E-mail msdsinfo@malcopro.com

Contact person Technical Department

Emergency phone number Phone 1-800-424-9300

Supplier Not available.

2. Hazard identification

Physical hazards Not classified.

Health hazards Not classified.

Environmental hazards Not classified.

Label elements



Signal word Warning

Hazard statement May be harmful if swallowed. Causes eye irritation. May cause damage to organs () through prolonged or repeated exposure by ingestion.

Precautionary statement

Prevention Keep out of reach of children. Do not breathe dust. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

Response IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.

Storage Keep container tightly closed. Store in a well-ventilated place. Store in accordance with local/regional/national/international regulations. Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Supplemental information 20.397% of the mixture consists of component(s) of unknown acute oral toxicity. 36.5964% of the mixture consists of component(s) of unknown acute dermal toxicity. 20.397% of the mixture consists of component(s) of unknown acute inhalation toxicity. 17.4564% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 25.8364% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

Other hazards Not available.

3. Composition/information on ingredients

Mixtures

| Chemical name | Common name and synonyms | CAS number | % |
|--|--------------------------|------------|-----------|
| Siloxanes And Silicones, Di-me | | 63148-62-9 | 10 - < 20 |
| Distillates (Petroleum), Hydrotreated Light | | 64742-47-8 | 5 - < 10 |
| propane-1,2,3-triol | | 56-81-5 | 3 - < 5 |
| 1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione | | 6440-58-0 | < 0.3 |
| ethoxyethane | | 69227-20-9 | < 0.2 |
| Other components below reportable levels | | | 70 - < 80 |

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

| | |
|---|--|
| Inhalation | Move to fresh air. Call a physician if symptoms develop or persist. |
| Skin contact | Wash off with soap and water. Get medical attention if irritation develops and persists. |
| Eye contact | Rinse with water. Get medical attention if irritation develops and persists. |
| Ingestion | Rinse mouth. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | Direct contact with eyes may cause temporary irritation. |
| Indication of immediate medical attention and special treatment needed | Treat symptomatically. |
| General information | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

5. Fire-fighting measures

| | |
|--|---|
| Suitable extinguishing media | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | During fire, gases hazardous to health may be formed. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | Move containers from fire area if you can do so without risk. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | No unusual fire or explosion hazards noted. |

6. Accidental release measures

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. For personal protection, see section 8 of the SDS. |
| Methods and materials for containment and cleaning up | Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. |

7. Handling and storage

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|---|--|
| Precautions for safe handling | Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). |

8. Exposure controls/personal protection

Occupational exposure limits

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2), as amended

| Components | Type | Value | Form |
|-----------------------------------|------|----------|-------|
| propane-1,2,3-triol (CAS 56-81-5) | TWA | 10 mg/m3 | Mist. |

Canada. British Columbia OELs: Table of Exposure Limits for Chemical Biological Substances Workers Compensation Board, as amended

| Components | Type | Value | Form |
|-----------------------------------|------|----------|------------------|
| propane-1,2,3-triol (CAS 56-81-5) | TWA | 3 mg/m3 | Respirable mist. |
| | | 10 mg/m3 | Total mist |

Canada. Quebec OELs (Regulation respecting occupational health and safety, v. S-2.1, r.13), as amended

| Components | Type | Value | Form |
|-----------------------------------|------|----------|-------|
| propane-1,2,3-triol (CAS 56-81-5) | TWA | 10 mg/m3 | Mist. |

Canada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996; Table 21), as amended

| Components | Type | Value | Form |
|-----------------------------------|-----------|----------|-------|
| propane-1,2,3-triol (CAS 56-81-5) | 15 minute | 20 mg/m3 | Mist. |
| | 8 hour | 10 mg/m3 | Mist. |

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Other Wear appropriate chemical resistant clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

| | |
|---|-----------------------------------|
| Physical state | Liquid. |
| Form | Liquid. Viscous. |
| Color | Pale yellow |
| Odor | Tropical |
| Melting point/freezing point | 2810.35 °F (1543.53 °C) estimated |
| Boiling point or initial boiling point and boiling range | 1068.97 °F (576.1 °C) estimated |
| Flammability | Not applicable. |
| Upper/lower flammability or explosive limits | |
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Flash point | 302.0 °F (150.0 °C) estimated |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |

| | |
|--|----------------------------|
| pH | ≥ 7.8 - ≤ 8.8 |
| Kinematic viscosity | Not available. |
| Solubility | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) (log value) | Not available. |
| Vapor pressure | 1.08 hPa estimated |
| Density and/or relative density | |
| Density | ≥ 8.70 - ≤ 8.74 lbs/gal |
| Vapor density | Not available. |
| Particle characteristics | Not available. |
| Other information | |
| Explosive properties | Not explosive. |
| Flammability class | Combustible IIIB estimated |
| Oxidizing properties | Not oxidizing. |
| Viscosity | ≥ 30000 - ≤ 50000 cP |
| Viscosity temperature | 68 °F (20 °C) |
| VOC | 8.76 % w/w estimated |

10. Stability and reactivity

| | |
|---|---|
| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Contact with incompatible materials. |
| Incompatible materials | Chlorine. |
| Hazardous decomposition products | No hazardous decomposition products are known. |

11. Toxicological information

Information on likely routes of exposure

| | |
|---------------------|--|
| Inhalation | No adverse effects due to inhalation are expected. |
| Skin contact | Prolonged skin contact may cause temporary irritation. |
| Eye contact | Direct contact with eyes may cause temporary irritation. |
| Ingestion | Expected to be a low ingestion hazard. |

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not known.

| Components | Species | Test Results |
|--|--|-----------------------------------|
| 1,3-bis(hydroxymethyl)-5,5-dimethylimidazolidine-2,4-dione (CAS 6440-58-0) | | |
| <u>Acute</u> | | |
| Oral | | |
| LD50 | Rat | 2 - 3.65 g/kg |
| propane-1,2,3-triol (CAS 56-81-5) | | |
| <u>Acute</u> | | |
| Inhalation | | |
| LC50 | Rat | > 570 mg/m ³ , 1 Hours |
| Oral | | |
| LD50 | Rat | 5.57 g/kg |
| Skin corrosion/irritation | Prolonged skin contact may cause temporary irritation. | |

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Canada - Alberta OELs: Irritant

propane-1,2,3-triol (CAS 56-81-5) Irritant

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components | Species | Test Results |
|--|---------|---|
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) |
| | | 2.9 mg/l, 96 hours |
| propane-1,2,3-triol (CAS 56-81-5) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Fish | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) |
| | | 51000 - 57000 mg/l, 96 hours |
| Siloxanes And Silicones, Di-me (CAS 63148-62-9) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Fish | LC50 | Channel catfish (Ictalurus punctatus) |
| | | 2.36 - 4.15 mg/l, 96 hours |

Persistence and degradability No data is available on the degradability of any ingredients in the mixture.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

propane-1,2,3-triol -1.76

Mobility in soil No data available.

Other adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

TDG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

Canadian regulations This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

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Disclaimer

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