

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name Chalk-Tique Paste Wax
CAS # Mixture
Product Use Not available
Manufacturer Howard Products Inc.
560 Linne Road
Paso Robles, CA 93446 US
Phone: 1-805-227-1000

2. Hazards Identification

Emergency overview This is a consumer care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and / or swelling upon prolonged or repeated skin contact or eye contact.

Potential short term health effects

Routes of exposure Inhalation, Eye, Skin contact, Ingestion.

Eyes Contact with eyes may cause irritation.

Skin Contact with skin can cause irritation and allergic reaction (sensitisation) in some individuals.

Inhalation Prolonged inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

Ingestion Do not ingest. May cause stomach distress, nausea or vomiting.

Target organs Skin, Eyes, Respiratory system.

Chronic effects Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Signs and symptoms Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Potential environmental effects See section 12.

3. Composition/Information on Ingredients

Components	CAS #	Percent
Distillates (petroleum), light hydrotreated	64742-47-8	40 - 70
Carnauba wax	8015-86-9	10 - 30
Paraffin wax	8002-74-2	10 - 30
Beeswax	8012-89-3	5 - 10
Oils, orange, sweet	8008-57-9	5 - 10

Composition comments This product is regulated under the CCCR Criteria (Consumer Chemicals and Containers Regulations, 2001). WHMIS requirements are not applicable.

4. First Aid Measures

First aid procedures

Eye contact Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation develops and persists.

Skin contact If on skin, wash with soap and water. If irritation persists or reaction develops, get medical attention.

Inhalation If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion	If ingestion of a large amount does occur, call a poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.
Notes to physician	Contains petroleum distillates. Treat patient symptomatically.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Call a physician if symptoms develop or persist. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties	Not flammable by WHMIS criteria. Not a Flammable solid as per the Preliminary screening test and the UN N.1 Test method for readily combustible solids of the UN Manual of Test & Criteria, Part 3 Section 33.2.1.4.
Extinguishing media	
Suitable extinguishing media	Treat for surrounding material.
Unsuitable extinguishing media	Not available
Protection of firefighters	
Specific hazards arising from the chemical	Not available
Protective equipment for firefighters	Firefighters should wear full protective clothing including self contained breathing apparatus. Wear suitable protective equipment.
Hazardous combustion products	May include and are not limited to: Oxides of carbon.
Explosion data	
Sensitivity to mechanical impact	Not available.
Sensitivity to static discharge	Not available.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. In case of spills, beware of slippery floors and surfaces. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Environmental precautions	Do not discharge into lakes, streams, ponds or public waters.
Methods for containment	Stop the flow of material, if this is without risk. Collect spillage.
Methods for cleaning up	Ventilate the contaminated area. Wear appropriate protective equipment and clothing during clean-up. Stop the flow of material, if this is without risk. Large Spills: Wet down with water and dike for later disposal. Following product recovery, flush area with water. Wipe up with absorbent material (e.g. cloth, fleece). Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

7. Handling and Storage

Handling	Use according to package label instructions. Avoid contact with eyes. When using do not eat or drink. Wash thoroughly after handling. Keep container tightly closed.
Storage	Room temperature - normal conditions. Keep out of reach of children.

8. Exposure Controls/Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Paraffin wax (CAS 8002-74-2)	TWA	2 mg/m3	Fume.

Exposure limits See Above.

Engineering controls General ventilation normally adequate.

Personal protective equipment

Eye/Face protection Wear gear as deemed necessary. Follow label directions.

Hand protection Wear as deemed necessary, follow label directions.

Skin and body protection Follow label instructions.

Respiratory protection Follow label instructions. Not normally required.
In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practices. When using do not eat or drink. Wash thoroughly after handling.

9. Physical and Chemical Properties

Appearance	Waxy
Colour	Yellow to Dark brown
Form	Not available.
Odour	Citrus
Odour threshold	Not available.
Physical state	Solid.
pH	Not available.
Freezing point	82.22 °C (180 °F)
Boiling point	171.11 - 203.89 °C (340 - 399 °F)
Pour point	Not available.
Evaporation rate	Not available
Flash point	64.5 °C (148.1 °F)
Auto-ignition temperature	Not available.
Flammability Limits in Air, Upper, % by Volume	Not available.
Flammability Limits in Air, Lower, % by Volume	Not available.
Heat of combustion	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Specific gravity	0.89
Partition coefficient (n-octanol/water)	Not available.
Solubility (Water)	Not available.
Relative density	Not available.
Viscosity	Not available.
VOC	Not available
Percent volatile	Not available

10. Stability and Reactivity

Reactivity	May react with incompatible materials.
Possibility of hazardous reactions	Not available
Chemical stability	Material is stable under normal conditions.

Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Toxicological data

Components	Species	Test results
Beeswax (CAS 8012-89-3)		
Acute		
LC50	Not available	
LD50	Not available	
Carnauba wax (CAS 8015-86-9)		
LC50		
Not available.		
LD50		
Not available.		
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 2.8 mg/l/4h
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Oils, orange, sweet (CAS 8008-57-9)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	5000 mg/kg
<i>Inhalation</i>		
LC50	Rat	13 mg/l/4h
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Paraffin wax (CAS 8002-74-2)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	>= 3600 mg/kg
<i>Inhalation</i>		
LC50	Not available	
<i>Oral</i>		
LD50	Rat	>= 3750 mg/kg
Effects of acute exposure		
Eye contact	Contact with eyes may cause irritation.	
Skin contact	Contact with skin can cause irritation and allergic reaction (sensitisation) in some individuals.	
Inhalation	Prolonged inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).	
Ingestion	Do not ingest. May cause stomach distress, nausea or vomiting.	
Sensitisation	Contains a potential skin sensitizer.	
Chronic effects	Non-hazardous by WHMIS criteria.	
Carcinogenicity	Non-hazardous by WHMIS criteria.	
Mutagenicity	Non-hazardous by WHMIS criteria.	

Reproductive effects Non-hazardous by WHMIS criteria.
Teratogenicity Non-hazardous by WHMIS criteria.
Name of Toxicologically Synergistic Products Not available.

12. Ecological Information

Ecotoxicity See below

Ecotoxicological data

Components	Species	Test results
Distillates (petroleum), light hydrotreated (CAS 64742-47-8)		
Aquatic		
Fish	LC50 Rainbow trout, donaldson trout (Oncorhynchus mykiss)	2.9 mg/L, 96 hours

Persistence and degradability Not available.
Bioaccumulation/accumulation Not available
Mobility in environmental media Not available.
Environmental effects Not available.
Aquatic toxicity Not available.
Partition coefficient Not available.
Chemical fate information Not available.

13. Disposal Considerations

Disposal instructions Dispose in accordance with all applicable regulations.
Waste from residues / unused products Not available
Contaminated packaging Not available

14. Transport Information

General Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.

Transportation of Dangerous Goods (TDG - Canada)

Not regulated as dangerous goods.
 In accordance with the UN Classification Procedures, Test Methods and Criteria; Part 3, Section 33.2.1.4 - N.1 Test method for readily combustible solids (UNO).

15. Regulatory Information

Canadian federal regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number

Distillates (petroleum), light hydrotreated (CAS 64742-47-8) 1 TONNES

WHMIS Classification Exempt - Consumer product

Inventory status

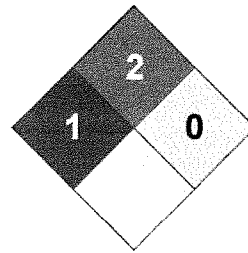
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

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

16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/	1
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		X



Disclaimer

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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Effective date

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Expiry Date

01-July-2018

Prepared by

Dell Tech Laboratories Ltd. Phone: (519) 858-5021

Other information

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.