



CANBERRA CORPORATION

SAFETY DATA SHEET

1. Identification

Product Identifier: HUSKY OIL BASED 1205 DUST MOP TREATMENT

Application or recommended use: Dust mop treatment

Restrictions on use: Do not use in any fashion not specified on the product label.

Manufacturer / supplier: Canberra Corporation
3610 N. Holland-Sylvania Rd.
Toledo, Ohio 43615 USA

Telephone: 419-841-6616 **Emergency phone:** 866-836-8855 **National Poison Center:** 800-222-1222

2. Hazards Identification

GHS Classification: Classification of this mixture in accordance with paragraph (d) of §1910.1200.
Flammable Aerosols – Category 1
Aspiration Hazard - Category 1

Label Elements:



Symbol:

Signal word: **DANGER**

Hazard statements: Extremely flammable aerosol. May be fatal if swallowed and enters airways.

Precautionary statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

Immediately call a POISON CENTER or doctor/physician.

See 4. First-Aid Measures for specific treatment.

Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Dispose of contents/container to an approved disposal facility.

Other Hazards: None known.

3. Composition / Information on Ingredients

Chemical characterization: Mixture of solvents and auxiliary agents.

Hazardous ingredients: The exact percentage of composition has been withheld as a trade secret.

60 - 80% Distillates (Petroleum), Hydrotreated Light CAS 64742-47-8

10 - 20% White mineral oil CAS 8042-47-5

10 - 20% Propane CAS 74-98-6

4. First-Aid Measures

Symptoms: Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Inhalation: Move person to fresh air. If respiratory irritation or dizziness occurs, seek immediate medical assistance.

Skin Contact: Remove contaminated clothing and wash before reuse. Wash contaminated area with soap and water. If irritation occurs, get medical advice/attention.

Eye Contact: Hold eye open and rinse slowly and gently with water for 5-10 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If eye irritation persists, get medical advice/attention.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to a person who is unconscious or convulsing. If vomiting occurs, keep head below hips to reduce risk of aspiration.

Note to Physician: Provide supportive measures, treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-Fighting Measures

Suitable Extinguishing Media: Alcohol resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: High pressure water jet.

Specific hazards in case of fire: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special Fire Fighting Precautions: Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus, flame retardant coat, helmet with face shield, rubber boots and gloves.

5. Fire-Fighting Measures (cont.)

Fire-fighting equipment/instructions: Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Cool containers with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods: Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

General fire hazards: Extremely flammable aerosol.

6. Accidental Release Measures

Emergency Procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Authorities should be advised if significant spillages cannot be contained.

Personal Precautions: Do not eat, drink or smoke during clean up. Wear protective clothing, eye protection and impervious gloves (e.g. neoprene). Wash thoroughly after clean up.

Environmental Precautions: Avoid release to the environment. Inform appropriate supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Prevent spills from entering storm sewers/drains or contact with soil.

Clean up Methods: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Wipe up with absorbent material (e.g. cloth). Clean surface thoroughly to remove residual contamination.

7. Handling and Storage

Precautions for Safe Handling: Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged or repeated contact with skin. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Read label before use. Use product only according to label directions. If unsure about safe use, contact your supervisor.

Conditions for Safe Storage: Level 3 Aerosol. Keep out of reach of children. Pressurized container. Protect from sunlight and/or temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Store locked up away from any ignition or heat source, in a cool (10° - 30°C), dry, well-ventilated area. **Incompatibility:** Strong oxidizers.

8. Exposure Controls / Personal Protection

Components with occupational exposure limits:

Component	Reference	TWA (8 Hr.)	PEL	STEL (15 Min.)
Mineral oil, mists	ACGIH	5 mg/M ³		5 mg/M ³
Propane	OSHA Table Z-1	1800 mg/M ³	1000 ppm	

Engineering Controls: Explosion proof general and local ventilation recommended.

Personal Protective Equipment

Respiratory: Respiratory protection is not necessary under normal conditions of use. If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Gloves: Use water impervious gloves (latex or neoprene rubber). No breakthrough time has been established.

Eye Protection: Chemical resistant goggles or face protection.

Other: Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals.

When using do not smoke. 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:	Gas	Vapor pressure:	35 - 50 psig @20C estimated
Form:	Aerosol	Vapor density:	Not available
Color:	Not available	Relative density:	Not available
Odor:	Not available	Solubility (water):	Not available
Odor threshold:	Not available	Partition coefficient (n-octanol/water)	Not available
pH:	Not applicable	Auto-ignition temperature:	439.95°F (226.64 °C) estimated
Melting point/freezing point:	Not available	Decomposition temperature:	Not available
Initial boiling point and boiling range:	107.26°F (41.81 °C) estimated		
Flash point:	-156.0°F (-104.4 °C) Propellant estimated		
Evaporation rate:	Not available	Viscosity:	Not available
Flammability (solid, gas):	Not available	Specific gravity:	0.748 estimated
Upper/lower flammability or explosive limits			
Flammability limit - lower (%):	0.7% estimated	Explosive limit - lower (%):	Not available
Flammability limit - upper (%):	8.5% estimated	Explosive limit - upper (%):	Not available

10. Stability and Reactivity

Reactivity: No specific reactivity test data is available for this mixture. Under normal conditions of storage and use, hazardous reactions are not expected.

Incompatible materials: Strong oxidizers, fluorine, chlorine, nitrates.

Chemical stability: This product is stable at ambient temperatures and pressures.

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Hazardous decomposition products: None known.

11. Toxicological Information**Information on likely routes of exposure**

Ingestion: Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

Inhalation: Not available.

Skin contact: No adverse effects due to skin contact are expected.

Eye contact: Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics: If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death. Aspiration may cause pulmonary edema and pneumonitis. Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity: May be fatal if swallowed and enters airways. Expected to be a low hazard for handling by trained personnel.

Components	Species	Test Results	Components	Species	Test Results
Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8)			White Mineral Oil (CAS 8042-47-5)		
Acute			Acute		
<i>Dermal</i> , LD50	Rabbit	> 2000 mg/kg > 2000 mg/kg, 24 Hours	<i>Dermal</i> , LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i> , LC50	Rat	> 7.5 mg/l, 6 Hours	<i>Inhalation</i> , LC50	Rat	2.18 mg/l, 4
		> 4.6 mg/l, 4 Hours			
<i>Oral</i> , LD50	Rat	> 5000 mg/kg	<i>Oral</i> , LD50	Rat	5000 mg/kg
Propane (CAS 74-98-6)					
Acute					
<i>Inhalation</i> , LC50	Mouse	1237 mg/l, 120 Minutes			
		52%, 120 Minutes			
	Rat	1355 mg/l			
		658 mg/l/4h			

Skin corrosion/irritation:

Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation:

Direct contact with eyes may cause temporary irritation.

Respiratory sensitization:

Not a respiratory sensitizer.

Skin sensitization:

This product is not expected to cause skin sensitization.

Germ cell mutagenicity:

No data available.

Carcinogenicity:

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances: Not listed.

(29 CFR 1910.1001-1050)

Reproductive toxicity:

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

Aspiration hazard:

May be fatal if swallowed and enters airways.

Chronic effects:

Prolonged or repeated contact may cause drying, cracking, or irritation.

12. Ecological Information

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Components	Species	Test Results
Distillates (Petroleum), Hydrotreated Light	Aquatic Fish , LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
		2.9 mg/l, 96 hours
White Mineral Oil	Aquatic Fish , LC50	Fish
		10000 96 Hours

Persistence and degradability: No data is available on the degradability of this product.

Bioaccumulative potential: No data available.

Partition coefficient n-octanol / water (log Kow): Propane 2.36

Mobility in soil: No data available.

Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal Considerations

Dispose in accordance with all applicable regulations. If material cannot be disposed of by use according to label directions, contact your State Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for guidance. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. Empty containers or liners may retain some product residue. Empty containers should be taken to an approved waste handling site for recycling or disposal. Follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport Information

DOT UN number: UN1950
UN proper shipping name: Aerosols, flammable
Transport hazard class(es)
Class: 2.1 **Label(s):** 2.1
Packing group: Not applicable.
Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.
Special provisions: N82 **Packaging exceptions:** 306
Packaging non bulk None **Packaging bulk** None



This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Limited quantities require the limited quantity diamond mark on cartons.

15. Regulatory Information

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed. **SARA 304 Emergency release notification:** Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard – Yes	Delayed Hazard - No
	Fire Hazard – Yes	Pressure Hazard – No
	Reactivity Hazard - No	

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous: No chemical

SARA 313 (TRI reporting): Not regulated

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Propane (CAS 74-98-6)

Safe Drinking Water Act: Not regulated.

US state regulations

Massachusetts RTK - Substance List

Propane (CAS 74-98-6)

Pennsylvania Worker and Community Right-to-Know Law

Propane (CAS 74-98-6)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

New Jersey Worker and Community Right-to-Know Act

Propane (CAS 74-98-6)

Rhode Island RTK

Propane (CAS 74-98-6)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	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**Date issued:** 31. 12. 2014

HSK-1205 Revision: N/A

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present some degree of hazard and should be used with caution. The information and recommendations contained herein are presented in good faith. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable regulations governing the use and disposal of this material.

Prepared by: R&D, Canberra Corporation