


SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	CONTROL Dusting Cloth & Mop Treatment
Other means of identification	2013
Recommended use	Dust Mop Treatment
Recommended restrictions	For commercial and industrial use only.
Manufacturer / Importer / Supplier / Distributor Information	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

Section 2 - Hazard(s) Identification

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category	Target Organ
Physical Hazards	Gases Under Pressure, Compressed Gas		
	Flammable Aerosols	2	
Health Hazards	Acute toxicity, inhalation	4	
	Serious eye damage/eye irritation	2B	
	Skin corrosion/irritation	2	
OSHA defined hazards	Not Classified.		
Label Elements			
Hazard Symbol			
Signal Word	Warning		
Hazard Statement	Contains gas under pressure; may explode if heated. Harmful if inhaled. Flammable aerosol. Causes eye irritation. Causes skin irritation.		
Precautionary statement			
Prevention	Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not breathe dust/fume/gas/mist/vapors/spray. IF SWALLOWED: seek medical advice immediately and show container or label. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Use only outdoors or in a well-ventilated area.		
Response	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. If in eyes: 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.		
Storage	Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C. Store in a well-ventilated place.		
Disposal	Dispose of waste and residues in accordance with local authority requirements.		
Hazard(s) not otherwise classified (HNOC)	None known.		

Section 3 - Composition/Information on ingredients

Mixture			
Hazardous Components	Ingredient Name	CAS #	%
	Liquified Petroleum Gas	68476-86-8	8 - 12
	Petroleum Distillate 64742-47-8	64742-47-8	8 - 12
	White mineral oil (petroleum)	8042-47-5	3 - 7

Section 4 - First-aid Measures

Inhalation	Move to fresh air and keep at rest. Call a physician if symptoms develop and persist. Give oxygen or artificial respiration if needed. Give nothing by mouth.
Skin contact	Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.

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Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.
Most Important symptoms /effects, acute and delayed	Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Indication of immediate medical attention and special treatment	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General Information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5 - Fire-fighting measures

Suitable extinguishing media	Powder, water spray, foam, carbon dioxide.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Contents under pressure. Containers may explode when heated.
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	Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
Specific Methods	Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
Methods and materials for containment and cleaning up	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
Conditions for safe storage, including any incompatibilities	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Section 8 - Exposure control/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Liquified Petroleum Gas (CAS 68476-86-8)	PEL	1000 ppm	
Petroleum Distillate 64742-47-8 (CAS 64742-47-8)	PEL	100 ppm	
White mineral oil (petroleum) (CAS 8042-47-5)	PEL	5 mg/m ³	Mist

US. ACGIH Threshold Limit Values

Component	Type	Value	Form
Liquified Petroleum Gas (CAS 68476-86-8)	TLV	1000 ppm	
Petroleum Distillate 64742-47-8 (CAS 64742-47-8)	TLV	200 mg/m ³	
White mineral oil (petroleum) (CAS 8042-47-5)	TWA	5 mg/m ³	Inhalable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
White mineral oil (petroleum) (CAS 8042-47-5)	TWA	5 mg/m ³	Mist
White mineral oil (petroleum) (CAS 8042-47-5)	STEL	10 mg/m ³	Mist

Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	Use personal protective equipment as required. Keep working clothes separately.
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) 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. Provide eyewash station.

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Individual protection measures, such as personal protective equipment

Eye/face protection	If contact is likely, safety glasses with side shields are recommended.
Skin protection	
Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	Wear suitable protective clothing.
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	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.

Section 9 - Physical and chemical properties

Appearance	White opaque emulsion.
Physical state	Mixture packaged in pressurized aerosol spray can.
Form	Aerosol. Liquefied gas. Opaque foamy liquid.
Color	White.
Odor	Vanilla.
Odor threshold	Not available.
pH (Concentrate)	7.0 - 8.0
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 100
Flash point	> 212.0 °F (> 100.0 °C)
Evaporation rate	<1
Flammability (solid, gas)	
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	N/A
Vapor density	
Relative density	0.90-1.00
Relative density temperature	75 °F (23.89 °C)
Solubilities	Forms an emulsion
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	
Viscosity Temperature	75 °F (23.89 °C)
Other Information	20%
VOC's	
Pressure	40 - 52 psig @ 70F

Section 10 - Stability and reactivity

Reactivity	Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products. Product is stable under normal conditions.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	heat, sparks, open flames and temperatures above 120°F.
Incompatible materials	Peroxides; Strong Oxidizing Agents.
Hazardous Decomposition Products	Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	Not a normal route of exposure. Harmful: may cause lung damage if swallowed.
Inhalation	May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness. This product may be aspirated into the lungs and cause chemical pneumonitis.
Skin contact	May cause irritation.
Eye contact	May cause irritation.

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Information on toxicological effects.

Acute toxicity	May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.					
Components	Level	Type	Code	Species	Results	
White mineral oil (petroleum) (CAS 8042-47-5)	Acute	Dermal	LD50	Rabbit	> 2000 mg/kg, 2	
	Acute	Inhalation	LC50	Rat	2.18 mg/l, 4 Ho	
Skin corrosion/irritation	May cause skin irritation. Handling can cause dry skin.					
Serious eye damage/ eye irritation	Causes eye irritation.					
Germ cell mutagenicity	Not Hazardous by WHMIS/OSHA criteria.					
Carcinogenicity	Not Hazardous by WHMIS/OSHA criteria.					
Chronic effects	Not Hazardous by WHMIS/OSHA criteria.					

Section 12 - Ecological Information

Ecotoxicity	May cause long-term effects in the aquatic environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
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.

Section 13 - Disposal considerations

Disposal instructions	Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.
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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

Section 14 - Transport information

DOT

UN number	UN1950
Proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packing group	Not Applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Labels required	None/Ninguno
Packaging exemption	306
Packaging non bulk	None/Ninguno
Packaging bulk	None/Ninguno
Comment	This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	2.1
Packaging group	Not Applicable.
Environmental hazards	No.
Labels required	2.1
ERG Code	10L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other Information	
Passenger and Cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
Packaging Exceptions	LTD QTY

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IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	2.1
Packaging group	Not Applicable.
Environmental hazards	No.
Marine pollutant	
Labels required	2.1
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	LTD QTY
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	Not applicable.

Section 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 CFR707, Subpt. D)

Components	Result	Comment
Petroleum Distillate 64742-47-8 (CAS 64742-47-8)	N/A%	

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.
CERCLA Hazardous Substance List (40 CFR 302.4) Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories	Immediate Hazard	No
	Delayed Hazard	No
	Fire Hazard	Yes
	Pressure Hazard	Yes
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance		No
SARA 311/312 Hazardous chemical		No
SARA 313 (TRI reporting)		Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.

US state regulations

US.Massachusetts RTK - Substance List	Components White mineral oil (petroleum) (CAS 8042-47-5)
US.New Jersey Worker and Community Right-to-Know Act	Components White mineral oil (petroleum) (CAS 8042-47-5)
US.Pennsylvania RTK - Hazardous Substances	Components White mineral oil (petroleum) (CAS 8042-47-5)
US.Rhode Island RTK	Not regulated.
US - 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.
US - California Proposition 65 - Carcinogens Reproductive Toxicity (CRT): Listed	

International Inventories

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

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*A "Yes" indicates this product complies 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).

Section 16 - Other information, including date of preparation or last version

Issue date 3/19/2015

Version # 01

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