



Glass & Hard Surface Cleaner

cleaner

DESCRIPTION

An exceptional Glass & Hard Surface Cleaner that cleans without streaks and smears. Ideal for all types of glass or any hard surface, such as windows, counters, chrome, stainless steel, mirrors, porcelain and Plexiglas™.

PRODUCT FEATURES / BENEFITS

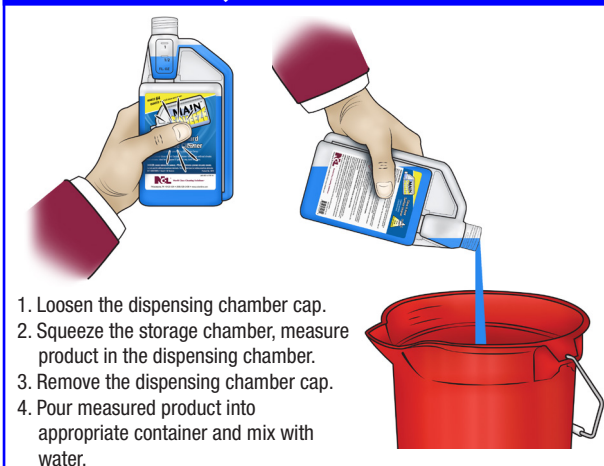
- Cleans without streaks or smears.
- Multi-purpose, multi-surface. One cleaner does it all.
- Easily removes smoke, greasy fingerprints and oils.
- No rinsing required.
- Non-flammable, safe for workers
- Environmentally responsible non-flammable, biodegradable formulation contains no NPE's, no phosphates, no acids, no caustics and no solvents.
- Non-ammoniated, no irritating fumes or odors.

DIRECTIONS FOR USE

Dilute product at a rate of 1/2 oz per quart (1:64). Loosen the cap, squeeze the bottle to push the liquid into the measuring cup. Measure 1/2 ounce of product. Remove the cap and pour the liquid into an empty 32 oz trigger spray bottle with appropriate labeling attached. Fill the bottle with cool water. Attach the trigger spray to the bottle.

Spray the diluted cleaner on the soiled surface and spread evenly with a cloth or paper towel. Wipe dry and polish with a clean soft cloth or paper towel.

SQUEEZE AND POUR



SPECIFICATIONS

Appearance	Clear Liquid
Color	Blue
Fragrance	None
Specific Gravity (g/cc).....	1.05 ± 0.02
Density (lbs/gal).....	8.8 ± 0.1
Flash Point.....	None
pH (Concentrate):.....	11.2 ± 0.3
pH (Use Dilution 1:64):	9.5 ± 0.3
Main Squeeze Dilution Ratio	1:64
Biodegradable	Yes
Environmentally Responsible	Yes
Added Fragrance.....	None
Nonylphenol Ethoxylates	None
Phosphates.....	None
Caustics.....	None
VOC.s.....	None

SAFETY INFORMATION

DANGER: CAUSES SERIOUS EYE DAMAGE.
KEEP OUT OF THE REACH OF CHILDREN

Precautionary statement:

Prevention: Wear eye/face protection.

Response: 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:** Store away from incompatible materials. **Disposal:** Dispose of contents/ container in accordance with local/regional/national/international regulations.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Additional safety measures: Read the entire label and SDS before using this product, and for additional first aid measures.

SDS for this product is available on the web at www.nclonline.com



World Class Cleaning Solutions®

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Website: www.nclonline.com

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TDS-4170-0717

SAFETY DATA SHEET

Section 1 - Identification


Product Identifier Main Squeeze Glass & Hard Surface Cleaner (Concentrate)
Other means of identification 4170
Recommended use Detergent.
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@ncnline.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
Physical Hazards	Not Classified	
Health Hazards	Serious eye damage/eye irritation	1
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word	Danger	
Hazard Statement	Causes serious eye damage.	
Precautionary statement		
Prevention	Wear eye/face protection.	
Response	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/doctor.	
Storage	Store away from incompatible materials.	
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 #	%
	D-Glucopyranose, oligomers, decyl octyl glycosides	68515-73-1	1 - 5

Section 4 - First-aid Measures

Inhalation Move to fresh air. Get medical attention if irritation persists.
Skin contact Wash off with soap and water. Get medical attention if irritation persists.
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 persists.
Ingestion Rinse mouth. Get medical attention if irritation persists.
Most Important symptoms /effects, acute and delayed Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
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

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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 it without risk. Use water spray to keep fire-exposed containers cool.
General fire hazards	No unusual fire or explosion hazards noted.
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.	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	This product is miscible in water. SMALL SPILLAGE: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. 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. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. 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.

Section 7 - Handling and storage

Precautions for safe handling	Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Section 8 - Exposure control/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
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.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Other	Not available.
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.

Section 9 - Physical and chemical properties

Appearance	Thin clear liquid.
Physical state	Liquid.
Form	Liquid.
Color	Blue.
Odor	Odorless.
Odor threshold	Not available.
pH	11.0 ± 0.3
Melting point/freezing point	Not relevant.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	None to boiling.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	

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Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.05 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	< 20 cSt
Viscosity Temperature	75 °F (23.89 °C)

Section 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	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye damage.
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Information on toxicological effects.	
Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Causes serious eye damage.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
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	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
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 classified.
Chronic effects	Prolonged inhalation may be harmful.

Section 12 - Ecological Information

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	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

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Disposal instructions	Dispose in accordance with applicable federal, state, and local regulations.
Local disposal regulations	Dispose of in accordance with local regulations.
Hazardous waste code	Waste codes should be assigned by the user based on the application for which the product was used.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Section 14 - Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code	This substance/mixture is not intended to be transported in bulk.

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)		Not regulated.
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	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
SARA 302 Extremely hazardous substance		Not listed.
SARA 311/312 Hazardous chemical		Yes
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		Not regulated.
US.New Jersey Worker and Community Right-to-Know Act		Not listed.
US.Pennsylvania RTK - Hazardous Substances		Not listed.
US.Rhode Island RTK		Not regulated.
US - California Proposition 65	This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.	

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)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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	10/30/2014
Version #	01

SAFETY DATA SHEET

Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

MAKES 64 QUARTS mix at 1/2 oz per quart of water



MAIN SQUEEZE™

Glass & Hard Surface Cleaner

Limpiador para Vidrio y Superficies Duras

An exceptional Glass & Hard Surface Cleaner that cleans without streaks and smears. Ideal for all types of glass or any hard surfaces.

DANGER: CAUSES SERIOUS EYE DAMAGE. / PELIGRO: PROVOCA LESIONES OCULARES GRAVES.
See back panel for additional precautionary statements. / Ver panel lateral para las medidas preventivas adicionales.

NET CONTENTS: 1 Quart / 32 Ounces **Product No.: 4170**



World Class Cleaning Solutions®

Philadelphia, PA 19123 USA • (800) 628-2436 • www.nclonline.com

LMS-0001-4170F-01

MAKES 64 QUARTS mix at 1/2 oz per quart of water



MAIN SQUEEZE™

Glass & Hard Surface Cleaner

Limpiador para Vidrio y Superficies Duras

DIRECTIONS FOR USE:

Dilute product at a rate of 1/2 oz per quart (1:64). Loosen the cap, squeeze the bottle to push the liquid into the measuring cup. Measure 1/2 ounce of product. Remove the cap and pour the liquid into an empty 32 oz trigger spray bottle with appropriate labeling attached. Fill the bottle with cold tap water. Attach the trigger spray to the bottle.

Spray the diluted cleaner on the soiled surface and spread evenly with a cloth or paper towel. Wipe dry and polish with a clean soft cloth or paper towel.

INSTRUCCIONES DE USO:

Diluya el producto a una velocidad de 1/2 oz por cuartos (1:64). Afloje la tapa, apriete la botella para empujar el líquido en la taza de medición. Mida 1/2 onza de producto. Quite la tapa y vierta el líquido en una botella vacía del sensor del disparador de 32 onzas con el etiquetado apropiado adjunto. Llene la botella con agua fría de grifo. Conecte el spray de gatillo a la botella.

Rocíe el limpiador diluido en la superficie sucia y extienda uniformemente con un paño o una toalla de papel. Limpie y enjuague con un paño suave limpio o una toalla de papel.



DANGER: CAUSES SERIOUS EYE DAMAGE, KEEP OUT OF THE REACH OF CHILDREN.

Precautionary statement

Prevention: Wear eye/face protection. **Response:** 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/doctor.

Storage: Store away from incompatible materials. **Disposal:** Dispose of waste and residues in accordance with local authority requirements.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Additional safety measures: Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at www.nclonline.com

PELIGRO: PROVOCA LESIONES OCULARES GRAVES. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Consejos de prudencia

Prevención: Use protección para los ojos y la cara. **Respuesta:** Si en los ojos: Aclarar cuidadosamente con agua durante varias minutos. Quite los lentes de contacto, si lleva y resulta fácil de hacer. Prosiguar con el lavado. Llame inmediatamente a un centro de toxicología / médico. **Almacenamiento:** Almacene lejos de materiales incompatibles. **Eliminación:** Eliminar las desperdicios y residuos de conformidad con los requisitos de las autoridades locales.

Este producto es un "químico peligroso" según la definición por la Norma de Comunicación de Peligros de OSHA, 29 CFR 1910.1200.

Medidas adicionales de primeros auxilios: Lea toda la etiqueta y SDS antes de usar este producto, así como medidas adicionales de primeros auxilios. SDS para el artículo está disponible en la web en www.nclonline.com

CONTAINS: D-Glucopyranose, oligomers, decyl octyl glycerates CAS# 84515-73-1

NOTE: Precautions are based on concentrated product. See ready-to-use label and/or SDS for diluted, RTU precautions.



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LMS-0001-4170B-01

