



ENVIRONMENTALLY RESPONSIBLE

Degreaser Cleaner

Super Concentrate

DESCRIPTION

An outstanding cleaner degreaser made with no phosphates, or nonylphenol ethoxylate surfactants. Readily biodegradable with no VOC's, no added fragrance, no silicates, no chelating agents or caustics. Synergistic surfactant system provides enhanced cleaning and degreasing performance. Ideal for general purpose cleaning and degreasing in kitchens, food service, office buildings, light industrial facilities and other areas where environmental responsibility and worker safety issues are important.

PRODUCT FEATURES / BENEFITS

- Environmentally Responsible / Made with no harsh caustics or acids
- Ingredients are readily biodegradable / Safer for workers using the product
- Superior degreasing power for tough jobs / Increases cleaning efficiency

DIRECTIONS FOR USE

Using Portion Aid device supplied in product case, measure proper amount of super concentrate needed for your cleaning application: Use cold tap water only.

Dilution Rate	Oz. Per Gal	Applications
1:64	2 Oz. Per Gal	Light Soil
1:32	4 Oz. Per Gal	Moderate Soil
1:16	8 Oz. Per Gal	Heavy Soil

Apply product with trigger spray bottle, mop and bucket or through an automatic scrubber. For spray applications, allow dwell time for stubborn soil, wipe dry with clean cloth or paper towel. For mop & bucket, mop onto floor, allow to air dry. For Auto Scrubber applications, apply through scrubber, agitate with brushes and remove solution with machine vacuum and squeegee in "down" position.

SPECIFICATIONS

Appearance	Clear Liquid
Color	Red
Fragrance	Slight Detergent
Specific Gravity (g/cc).....	1.01 ± 0.01
Density (lbs/gal).....	8.4 ± 0.1
Flash Point.....	None
pH (Concentrate).....	9.9 ± 0.5
pH (Use Dilution 1:8).....	9.9 ± 0.5
pH (Use Dilution 1:12).....	9.7 ± 0.5
pH (Use Dilution 1:16).....	9.7 ± 0.5

pH (Use Dilution 1:32)	9.7 ± 0.5
pH (Use Dilution 1:64)	9.7 ± 0.5
Biodegradable	Yes
Environmentally Responsible	Yes
Nonylphenol Ethoxylates	None
Phosphates.....	None
Caustics.....	None
VOC's	None
Added Fragrance.....	None

ENVIRONMENTAL RECOGNITIONS



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org



The EARTH SENSE® Seal of Assurance is self-certified by NCL, and identifies our products that are formulated to promote human health and worker safety with a preferred environmental profile.

DISPOSE OF UNUSED PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS - PLEASE RECYCLE CONTAINER

PPE Information: Respiratory protection is generally not required. No special ventilation is normally required. The use of safety glasses is recommended. No other protective equipment is required.

ENVIRONMENTAL PROFILE

Chemical Ingredients:

Phosphates:.....	None
Ammonia:.....	None
Butyl:	None
Ethanolamine:.....	None
APE/NPE:	None
Added Fragrances:	None
Silicates:.....	None
Chelating Agents:	None
Free Alkali:	None

Environmental Impact:

Harmful to water systems:.....	No
Biodegradable:.....	Readily
Recyclable Container:	Yes
Reactive:	No
Flammable:	No
Combustible:	No

Human Toxicity*:

Skin Corrosive:.....	No
Eye Corrosive:	No
Skin Sensitizer:.....	No
Eye Sensitizer:	No
Skin Irritant:.....	No
Eye Irritant:	No
Low Toxicity	Yes
Non-Toxic (LD-50):.....	Yes

* Human toxicity profile is based on ready-to-use product.



World Class Cleaning Solutions®

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TDS-4035-0217

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	Earth Sense [®] Degreaser Cleaner
Other means of identification	4035
Recommended use	General purpose cleaner.
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

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Not Classified	
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol	None.	
Signal Word	None	
Hazard Statement	Not available.	
Precautionary statement		
Prevention	Observe good industrial hygiene practices.	
Response	Wash hands after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Hazard(s) not otherwise classified (HNOC)	Not classified.	

Section 3 - Composition/Information on ingredients

Mixture	The components are not hazardous or are below required disclosure limits.
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Section 4 - First-aid Measures

Inhalation	Move to fresh air. Get medical attention if irritation persists.
Skin contact	Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation persists.
Eye contact	Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation persists.
Ingestion	Rinse mouth thoroughly with water. Call a physician or poison control center immediately.
Most Important symptoms / effects, acute and delayed	Mild eye irritation.
Indication of immediate medical attention and special treatment	Treat symptomatically.
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	This material will not burn. Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	None known.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SAFETY DATA SHEET

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.
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Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures.	Isolate area. Keep unnecessary personnel away. Use personal protection as recommended in Section 8 of the SDS.
Methods and materials for containment and cleaning up	SMALL SPILLAGE: Absorb spillage with suitable absorbent material. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water. LARGE SPILLS: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. After removal flush contaminated area thoroughly with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

Section 7 - Handling and storage

Precautions for safe handling	Avoid contact with eyes. Use Personal Protective Equipment recommended in section 8 of the SDS.
Conditions for safe storage, including any incompatibilities	Store away from incompatible materials. Keep container closed.

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).
Exposure guidelines	Use personal protective equipment as required. Keep working clothes separately.
Appropriate engineering controls	Provide adequate ventilation and minimize the risk of inhalation of vapors and mists. Provide easy access to water supply and eye wash facilities.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Not required for casual contact. For prolonged contact, impervious gloves such as latex, nitrile or neoprene are recommended.
Other	Wear suitable protective clothing if conditions risk exposure.
Respiratory protection	In case of inadequate ventilation, use respiratory protection.
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	Clear.
Physical state	Liquid.
Form	Liquid.
Color	Red.
Odor	None. No fragrance added.
Odor threshold	Not available.
pH	9.9 ± 0.5 (Conc) 9.9 ± 0.5 (1:8) 9.7 ± 0.5 (1:64)
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	> 212.0 °F (> 100.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
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	Similar to water.
Vapor density	Similar to water.
Relative density	1.01 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	100 % Soluble.
Partition Coefficient n-octanol/water	Not available.

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Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	< 10 cP
Viscosity Temperature	75 °F (23.89 °C)

Section 10 - Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

Section 11 - Toxicological information

Information on likely routes of exposure

Ingestion	No adverse effects due to ingestion are expected.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	Cause slight eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics
Mild eye irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Information on toxicological effects.

Acute toxicity Not expected to be hazardous.

Components	Level	Type	Code	Species	Results
Alcohols, C9-11, ethoxylated (CAS 68439-46-3)	Acute	Dermal	LD50	Rabbit	> 2 g/kg
	Acute	Oral	LD50	Rat	1378 mg/kg

Skin corrosion/irritation Prolonged or repeated contact may dry skin and cause irritation.

Serious eye damage/ eye irritation May cause slight eye irritation.

Respiratory sensitization Not classified.

Skin sensitization Not available.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not classified.

Section 12 - Ecological Information

Ecotoxicity The product contains a substance which is toxic to aquatic organisms. The product as a whole 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.

Component(s)

Alcohols, C9-11, ethoxylated, 68439-46-3

Aquatic

Acute	Crustacea	EC50	Water flea (Daphnia magna)	2.9 - 8.5 mg/l, 48 hours
	Fish	LC50	Fathead minnow (Pimephales promelas)	6 - 12 mg/l, 96 hours
	Fish	LC50	Flathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours

Persistence and degradability The product is expected to be biodegradable.

Bioaccumulative potential Not known.

Mobility in soil Not available.

Mobility in general The product is water soluble and may spread in water systems.

Other adverse effects None known.

Section 13 - Disposal considerations

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.

SAFETY DATA SHEET

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 not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.	
TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)		Not regulated.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)		Not on regulatory list.
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	No
	Pressure Hazard	No
	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.
Drug Enforcement Administration (DEA), List 1 2		Not regulated.
Exempt Chemical Mixtures (21 CFR 1310.12(c))		
DEA Exempt Chemical Mixtures Code Number		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		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.

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	12/4/2012
Revision date	11/24/2015
Version #	02
Further information	Not available.

SAFETY DATA SHEET

References

HSDB® - Hazardous Substances Data Bank
HPVIS - High Production Volume Information System

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.

Directions:

Using stroke pump provided, Dilute product concentrate according to the following rates using cold tap water: For Light Soil: 2 oz. per gallon; For Moderate Soil: 4 oz. per gallon; For Heavy Soil: 16 oz. per gallon.

Spray & Wipe Application:

Affix ready-to-use label and trigger sprayer to pre-mixed solution. Freely apply solution onto surface. Allow dwell time for stubborn grease and soil; agitate if needed. Wipe away soil with a clean towel or cloth.

Mop & Bucket Application:

Mop diluted solution onto floor; allow solution to dwell on surface for 5-10 minutes. Agitate solution as required with mop, or with floor machine and pad. Remove solution from floor with mop and bucket or wet-dry vacuum.

DISPOSE OF UNUSED PRODUCT IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS - PLEASE RECYCLE CONTAINER

PPE Information: Respiratory protection is generally not required. No special ventilation is normally required. The use of safety glasses is recommended. No other protective equipment is required.

Instrucciones para Uso:

Usar la bomba del movimiento proporcionó, concentrado diluido del producto según las tarifas siguientes usando el agua fría del golpecito: Para El Suelo Ligero: 2 onzas por galón; Para El Suelo Moderado: 4 onzas por galón; Para El Suelo Pesado: 16 onzas por galón.

Uso Del Aerosol Y Del Trapo:

Ponga la etiqueta y el rociador listos para utilizar del disparador a la solución premezclada. Aplique libremente la solución sobre superficie. DÉ un plazo del tiempo de detención para la grasa y el suelo obstinados; agite si es necesario limpian el suelo ausente con una toalla limpia o un paño.

Uso Del Mop Y Del Buceto:

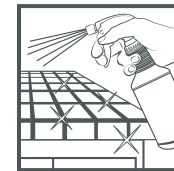
Alijofie la solución diluida sobre piso; permita que la solución more en la superficie por 5-10 minutos. Agite la solución según lo requerido con el mop, o con la máquina y el cojín del piso. Quite la solución de piso con el mop y cubo o vacío mojado-seco.

DISPONER DE MEDICAMENTO NO UTILIZADO DE CONFORMIDAD CON EL LOCAL, ESTATAL Y FEDERAL REGLAMENTOS - POR FAVOR RECICLE CONTENEDOR

Información de PPE: La protección respiratoria no se requiere generalmente. No se requiere ninguna ventilación especial normalmente. Se recomiendan las gafas de seguridad del uso. No se requiere ningún otro equipo protector.



World Class Cleaning Solutions®



Degreaser Cleaner



Degreaser Cleaner

Achieve outstanding results with this environmentally responsible cleaner degreaser that meets GS-37 requirements!

KEEP OUT OF REACH OF CHILDREN.

See side panel for additional precautionary statements.

SUBSISTENCIA FUERA DEL ALCANCE DE NIÑOS

Ver panel lateral para las medidas preventivas adicionales.

NET CONTENTS: 1 GALLON / 3.79 LITERS

National Chemical Laboratories, Inc.

Philadelphia, PA 19123 USA • (800) 628-2436

www.nclonline.com



Product No.: 4035

KEEP OUT OF REACH OF CHILDREN.

Precautionary statement

Prevention: Observe good industrial hygiene practices. **Response:** Wash hands after handling.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Additional safety measures:

Inhalation: Move to fresh air. Get medical attention if symptoms occur.

Skin contact: Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation develops or persists.

Eye contact: Flush eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth thoroughly with water. Call a physician or poison control center immediately.

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

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

MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.

Palabra de advertencia

Prevención: Mantenga buenas prácticas de higiene industrial.

Respuesta: Lávese las manos después del uso. **Almacenamiento:**

Consérvese alejado de materiales incompatibles. **Eliminación:** Eliminar los desperdicios y residuos de conformidad con la normativa promulgada por las autoridades locales.

Medidas additional de primeros auxilios:

Inhalación: Traslade al aire libre. Obtenga atención médica en caso de síntomas.

Contacto cutáneo: Quitar ropa y zapatos contaminados. Lavar la piel con jabón y agua. Buscar atención médica si la irritación aumenta o persiste.

Contacto ocular: Enjuagar los ojos cuidadosamente con abundante agua durante al menos 15 minutos. Buscar atención médica si la irritación se desarrolla y persiste.

Ingestión: Enjuáguese la boca cuidadosamente con agua. Llame al médico o centro de control de intoxicaciones inmediatamente. 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

NOTA: Las precauciones se basan en el producto concentrado. Ver la etiqueta y / o SDS para diluidas, las precauciones RTU lista para su uso.

CONTAINS: This product does not contain any hazardous ingredients. No fragrance has been added to this product.



This product meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized/recycled packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org



Recognized for Safer Chemistry www.epa.gov/dfe For DfE ingredient information visit our website at www.nclonline.com/green_epa.php.



The EARTH SENSE® Seal of Assurance is self-certified by NCL, and identifies our products that are formulated to promote human health and worker safety with a preferred environmental profile.

★★ MADE IN USA ★★

4035-29-0515



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QUESTIONS?
Call (800) 628-2436



To learn more about this product, scan this QR code to visit our website.



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