

SAFETY DATA SHEET

Section 1 - Identification

Product Identifier	RSC #5 Earth Sense® Degreaser Cleaner (Diluted 1:32)
Other means of identification	4075 (1-32)
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	Target Organ
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.
---------	---

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.

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 (Concentrate)

9.7 (Diluted 1:32)

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.

SAFETY DATA SHEET

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.
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 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

EcoName	EcoCode	EcoSpecies	EcoTestResults
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
	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.
Waste from residues / unused products	Dispose in accordance with all applicable regulations.

SAFETY DATA SHEET

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

This substance/mixture is not intended to be transported in bulk.

MARPOL 73/78 and IBC Code

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 CFR 707, 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 (HAPs) 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

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. 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 - Carcinogens Reproductive

Not listed.

Toxicity (CRT): Listed substance

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

United 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

Version #

01

Further Information

Not available.

References

HSDB® - Hazardous Substances Data Bank

HPVIS - High Production Volume Information System

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.