


SAFETY DATA SHEET

Section 1 - Identification

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|---|---|
| Product Identifier | RSC #7 Heavy Duty Spray Cleaner / Degreaser |
| Other means of identification | 4077 |
| 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@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 |
|--|--|-----------------|
| 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. 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) | None known. | |

Section 3 - Composition/Information on ingredients

| | | | |
|-----------------------------|------------------------------|--------------|----------|
| Mixture | | | |
| Hazardous Components | Ingredient Name | CAS # | % |
| | Alcohols, C9-11, ethoxylated | 68439-46-3 | 10 - 20 |

Section 4 - First-aid Measures

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| 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. |

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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 Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

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.

General fire hazards Use standard firefighting procedures and consider the hazards of other involved materials.

Specific Methods No unusual fire or explosion hazards noted.

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 with water.
SMALL SPILLAGE: Absorb spillage with suitable absorbent material. 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 container 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 If use of product risks exposure to contact, wear safety glasses with side shields.

Skin protection

Hand protection Impervious gloves are recommended for prolonged use.

Other If use of product risk exposure to contact, wear suitable protective clothing.

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 Clear, thin liquid.

Physical state Liquid.

Form Liquid.

Color Purple.

Odor Pleasant.

Odor threshold Not available.

pH 11.2

Melting point/freezing point Not relevant.

Initial boiling point and boiling range 212 °F (100 °C)

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| Flash point | > 212.0 °F (> 100.0 °C) |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| 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 (23.9 °C) |
| Solubilities (water) | 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 (23.9 °C) |

Section 10 - Stability and reactivity

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| Reactivity | The product is 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

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| 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.

| 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 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 available.

Chronic effects Prolonged inhalation may be harmful.

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.

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Component(s)

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

Aquatic

| Level | Type | Code | Species | Test Results |
|-------|-----------|------|---------------------------------------|------------------------------|
| 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 |

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| 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

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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

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| 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

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| 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 | | 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 |

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| 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) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances | No |
| 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

Revision date 1/17/2018

Version # 02

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