

# SIMPLICLEAN

## MATERIAL SAFETY DATA SHEET

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### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

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Name: **SIMPLICLEAN - SAFE SOLUTION FOR HEAVY DUTY CLEANING**

General Use: Commercial Cleaning Compound

Product Description: Clear to hazy, liquid having a neutral pH and characteristic mild odor

Manufacturer: SimpliCool Technologies International, LLC  
4138 E. State Route 73  
Waynesville, OHIO 45068  
Information: 513-897-0770

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### SECTION 2: HAZARDOUS INGREDIENTS

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HAZARDOUS INGREDIENTS: NONE

OTHER INGREDIENTS:

	CAS #	% (by weight)
Proprietary surfactants & wetting agents	Not specified	5 - 10

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### SECTION 3: HAZARDS IDENTIFICATION

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#### EMERGENCY OVERVIEW

Mild liquid, prolonged contact may cause skin & eye irritation. Ingestion may cause gastric distress. Hazard symbol for this product – None. Risk Phrases – Not Classified.

#### POTENTIAL HEALTH EFFECTS

Inhalation: Not expected, however certain individuals may experience minor nausea or headaches.

Skin Contact: Not expected, however prolonged contact may cause irritation.

Eye Contact: This product is an eye irritant. Contact with the eyes will cause irritation.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Occupational Exposure Limits: None established.

Carcinogenicity: NPT? No IARC MONOGRAPHS? No OSHA REGULATED? No

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### SECTION 4: FIRST AID MEASURES

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INHALATION: Remove effected person to fresh air, if symptoms persist seek medical attention.

SKIN: Remove contaminated clothing. Wash affected area with soap and water; launder contaminated clothing before re-use. If irritation persists, seek medical attention.

EYES: Check for and remove contact lenses. Immediately flush eyes with clear running water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

INGESTION: Give two glasses of water for dilution. DO NOT induce vomiting; seek medical attention; never give anything by mouth to an unconscious person.

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### SECTION 5: FIRE FIGHTING MEASURES

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FLASH POINT: Non-flammable. Does not readily ignite. NFPA CLASS: None

GENERAL HAZARDS: Product is irritating to skin, eyes and respiratory tract. Products of combustion include compounds of carbon, hydrogen, nitrogen and oxygen, including carbon monoxide.

EXTINGUISHING MEDIA: Carbon dioxide, water, water fog, dry chemical, chemical foam.

FIRE FIGHTING PROCEDURES: Keep containers cool with water spray to prevent rupture due to steam build-up.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

HAZARDOUS COMBUSTION PRODUCTS: Smoke, fumes or vapors, oxides of carbon.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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Shut off source of leak if safe to do so. For small spills take up with absorbent material & dispose of properly. Flush area with water to remove trace residue. For large spills, dike and contain. Remove with vacuum or pump to storage/salvage vessels. Soak up residue with absorbent such as clay, sand or other suitable material, dispose of properly. Do not discharge into lakes, ponds, streams or public waters.

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**SECTION 7: HANDLING & STORAGE**

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Keep container closed when not in use; protect container from abuse; protect from freezing and storage in extreme temperatures. If separation occurs may be mixed to reconstitute. Keep this and other chemicals out of the reach of children.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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ENGINEERING CONTROLS: The use of local exhaust ventilation is recommended. No other special controls are indicated.

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: None required.

PROTECTIVE GLOVES: Recommended for general protection.

EYE PROTECTION: Chemical splash goggles. Refer to 29 CFR 1910.133 or European Standard EN 166.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Safety eyewash station nearby.

WORK/HYGIENIC PRACTICES: Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

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**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

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Physical State: Liquid.

Appearance: Clear to hazy, characteristic mild odor

pH: 7.2

Boiling Point: >212° F

Specific Gravity: 1.017

Vapor Density (AIR = 1): >1

Solubility (In Water): Complete

Evaporation Rate (Water = 1): <1

Volatile Organic Compounds (total VOC's): None

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**SECTION 10: STABILITY & REACTIVITY**

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Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions & Materials to Avoid: Avoid extreme temperatures. Do not mix with strong acids, alkalis or oxidizers.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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This product is considered non-toxic based on the chemical components. Contains proprietary surfactants & wetting agents.

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**SECTION 12: ECOLOGICAL INFORMATION**

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No data are available on the adverse effects of this material on the environment. Neither COD nor BOD data are available. Based on the chemical composition of this product it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities. None of the ingredients in this mixture are classified as a Marine Pollutant.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. This product may be toxic to fish, do not discharge into lakes, ponds, streams or public waters. Product is classified as non-hazardous, however non-hazardous materials may become hazardous waste upon contact with other chemicals. Refer to 40 CFR 260-299 for complete waste disposal regulations. Consult your local, state or federal agency before disposing of any chemicals.

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**SECTION 14: TRANSPORT INFORMATION**

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PROPER SHIPPING NAME: Non-Hazardous for Transport

DOT HAZARD CLASS/Pack Group: Not regulated

UN/NA IDENTIFICATION NUMBER: None

HAZARD SYMBOLS: None

IATA HAZARD CLASS/Pack Group: Not Regulated

IMDG HAZARD CLASS: Not Regulated

RID/ADR Dangerous Goods Code: Not Regulated

UN TDG Class/Pack Group: Not Regulated

Note: Transportation information provided is for reference only. Customer is urged to consult 49 CFR 100 - 177, IMDG, IATA, EC, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

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**SECTION 15: REGULATORY INFORMATION**

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**TSCA (Toxic Substance Control Act)**

All components of this product are listed on the U.S. Toxic Substances Control Act Chemical Inventory (TSCA Inventory) or are exempted from listing because a Low Volume Exemption has been granted in accordance with 40 CFR 723.50.

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories

None

313 Reportable Ingredients:

None

**CERCLA (Comprehensive Response Compensation and Liability Act)**

None

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986**

There are no reportable chemicals present known to the state of California to cause cancer or reproductive toxicity.

**CPR (Canadian Controlled Products Regulations)**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. WHMIS Classification: Not controlled

**IDL (Canadian Ingredient Disclosure List)**

Components of this product identified by CAS number and listed on the Canadian Ingredient Disclosure List are shown in Section 2.

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)**

Components of this product identified by CAS number are listed on the DSL or NDSL, or are otherwise in compliance with the New Substances Notification (NSN) regulations. Only ingredients classified as "hazardous" are listed in Section 2 unless otherwise indicated.

**EINECS (European Inventory of Existing Commercial Chemical Substances)**

Components of this product identified by CAS numbers are on the European Inventory of Existing Commercial Chemical Substances.

EC Risk Phrases: Not Classified

SYMBOL(S) REQUIRED FOR LABEL: None

EC Safety Phrases: S2 - Keep out of the reach of children. S24/25 - Avoid contact with skin and eyes.

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**SECTION 16: OTHER INFORMATION**

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Specific toxicity tests have been conducted on this mixture. Our hazard evaluation is based on that information and information from similar products, the ingredients, technical literature, and/or professional experience.

Revision Summary: ANSI US/CANADIAN Original, Date: October 8, 2007

Hazard Ratings:

Health 1  
Fire 0  
Reactivity 0  
Personal Protective Equipment B Safety Glasses, Gloves

Hazard Rating Scale:

*Minimal* 0  
*Slight* 1  
*Moderate* 2  
*High* 3  
*Extreme* 4

Prepared by: SimpliCool Technologies International, LLC, 4138 E. State Route 73, Waynesville, OHIO 45068

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**SECTION 16: OTHER INFORMATION**

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vender assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.