

SAFETY DATA SHEET

IMPORTANT: Read this SDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT NAME: Clean & Green Super Concentrate Cleaner
PRODUCT CODE: various
RECOMMENDED USES: Heavy Duty Degreaser Concentrate, Cleaner & General Purpose Cleaner
MANUFACTURER: Biosolutions LLC
ADDRESS: 1800 Industrial Park Drive
COMPANY CITY: Grand Haven, MI 49417
COMPANY PHONE: 1-616-846-1210
EMERGENCY PHONE: 1-800-424-9300 (U.S.)
CHEMTREC 1-703-527-3887 (outside the U.S.)

SECTION 2. HAZARDS IDENTIFICATION

2.1 HAZARD STATEMENTS: (CAT = Hazard Category) Not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Physical Hazards: None known
Health Hazards: None Known
Environmental Hazards: None Known

OSHA defined Hazards *Not classified*

Label Elements

Signal Word None
Hazard Statement None

2.2 PRECAUTIONARY STATEMENTS:

Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

PREVENTION: Avoid contact with eyes & skin.

RESPONSE: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If skin irritation occurs, seek medical advice.

STORAGE: Store in a cool, well-ventilated area

DISPOSAL: Dispose of the contents/container in accordance with local, regional, national, and international regulation.

Hazard(s) not otherwise classified (HNOC) None Known

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	WT %
C9-C11 Alcohols Ethoxylate	Proprietary	15-22%
DPGME	34590-94-8	3- 8%

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SECTION 4. FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs, seek medical advice.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Rinse mouth with water. Seek medical attention if symptoms occur.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Specific Hazards	None known
Protective Equipment for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin and eyes. Ensure adequate ventilation.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods for Clean-up	Absorb with inert material and dispose of in accordance with local regulations.

SECTION 7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.
Storage	Keep container tightly closed in a dry, cool, and well-ventilated place

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Dipropylene glycol methyl ether (CAS 34590-94-8): OSHA PEL 100 ppm TWA, ACGIH TLV 100 ppm TWA

Engineering Controls Ensure adequate ventilation.

Personal Protective Equipment (PPE) Safety glasses with side shields.

Skin protection Wear protective gloves.

Respiratory Protection None required under normal use conditions.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Liquid, Clear
ODOR:	Mild
ODOR THRESHOLD:	Not Available
pH (Neutrality):	7.0-8.0
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP,50%,Dry Point):	Not Available
FLASH POINT (TEST METHOD):	Not Available
EVAPORATION RATE (n-Butyl Acetate=1):	Not Available
FLAMMABILITY CLASSIFICATION:	Non Flammable Hazard
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C / 68 F:	Not Available
VAPOR DENSITY (air=1):	Not Available
GRAVITY @ 68/68 F / 20/20 C:	
SPECIFIC GRAVITY (Water=1):	1.00 g/mL
POUNDS/GALLON:	8.34 lb/gal
SOLUBILITY:	Soluble in water
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	Not Available
NONEXEMPT VOC'S (CVOC)*:	Not Available
HAZARDOUS AIR POLLUTANTS (HAPS):	Not Available
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VISCOSITY @ 20 C (ASTM D445):	Not Available
VOLATILE %:	Not Available

* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	None known.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Exposure	Inhalation, ingestion, skin, and eye contact.
Symptoms	May cause irritation to the eyes and skin.
Toxicological effects	No known significant effects or critical hazards.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and Degradability	Not available
Bioaccumulation	Not available
Mobility in Soil	Not available

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods	Dispose of in accordance with local regulation.
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SECTION 14. TRANSPORT INFORMATION

DOT Classification Not regulated.

IMDG Classification Not regulated.

IATA Classification Not regulated.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards None

SARA 313 None

State Regulations None

SECTION 16. OTHER INFORMATION

Issue Date 7/01/24

Version # 04

NOTICE

The information provided in this Safety Data Sheet is based on the data believed to be accurate as of the date of this document. It is provided independently of any sale of the product, solely for your consideration, investigation, and verification. No warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or implied regarding the completeness or accuracy of the information contained herein. The user assumes all responsibility for compliance with local, state, and federal laws governing the use of this product.