



SAFETY DATA SHEET

SOLVENT CLEANER / SPOT REMOVER

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Trade Name (As Labeled): SOLVENT CLEANER / SPOT REMOVER
 Product Code: N-3
 Product Use: All-purpose cleaning solvent
 Synonyms: N-3
 Manufacturer: The Clean Environment Company
 Mailing Address: PO Box 489, Brooklyn, IA 52211
 Company Website: <http://www.cleaneenvironmentco.com>
 Emergency Phone Number: For First Aid Emergencies, call Poison Control Center at 1-800-222-1222
 Information Phone Number: 844-606-9558 9 a.m. to 5 p.m. CT Mon - Fri except holidays
 Prepared By: The Clean Environment Company
 Company Contact: SDS Coordinator
 Issue Date: Mar. 23, 2016
 Revision: 02
 Revision Date: May 15, 2017

SECTION 2 HAZARDS IDENTIFICATION

Hazardous Materials Identification System (HMIS) Rating Legend: 4-Severe, 3-Serious, 2-Moderate, 1-Slight, 0-Minimal Personal Protection Index: See Section 16	HEALTH	2
	FLAMMABILITY	2
	PHYSICAL HAZARDS	0
	PERSONAL PROTECTION	B

Hazards Classification			
U.S.A.	This product is considered hazardous under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).		
Global Harmonization System			
Hazard Statements	Category	Signal Word	Pictogram
Combustible liquid	Flammable Liquids, Category 4	WARNING	None
May be harmful if swallowed	Acute Toxicity-Oral, Category 5	WARNING	None
Causes skin irritation.	Skin Corrosion/Irritation, Category 2	WARNING	
Causes serious eye irritation.	Eye Damage/Irritation, Category 2A	WARNING	
Precautionary Statements			
General	Keep out of reach of children.		
Prevention	Keep away from flames and hot surfaces. No smoking. Wash hands and any contacted skin thoroughly after handling. Wear protective gloves such as rubber gloves. Wear eye protection such as safety glasses with side shields or goggles or face shield.		
Response	IN CASE OF FIRE: Use Foam, Carbon Dioxide, or Dry Chemical Powder to extinguish. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Refer to Section 4 FIRST AID MEASURES, for additional information. IF ON SKIN: Wash with plenty water and soap. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.		



SAFETY DATA SHEET

SOLVENT CLEANER / SPOT REMOVER

Precautionary Statements (continued)	
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents and container in accordance with local, state, and federal regulations.
Hazards Not Otherwise Classified (HNOC)	None known
Percent Ingredients With Unknown Acute Toxicity	0 % of product contains ingredients of unknown acute oral toxicity. Refer to Section 3.

SECTION 3 COMPOSITION & INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	% by wt. ¹	LD50, Rat
Soybean Oil Methyl Ester	67784-80-9	5 - 95	>5000 - 15000 mg/kg
Citrus Terpenes	94266-47-4	5 - 95	>5000 mg/kg

¹Where ranges are shown, the exact concentration has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

Skin:	Wash affected area thoroughly with soap and water. Call a physician if irritation persists.
Eyes:	Immediately flush with water for 15 minutes. If contacts are present, remove after first 5 minutes of flushing and continue flushing for 15 minutes. If irritation persists, have eyes examined and treated by medical personnel.
Inhalation:	Move person to fresh air and keep comfortable for breathing. Immediately call a for medical advice or assistance if breathing difficulty or irritation is severe or continues.
Ingestion:	NEVER give anything by mouth if victim is unconscious. Rinse mouth with large amounts of water. Have victim drink water, milk or other fluids to dilute. Do not induce vomiting unless advised by a physician or poison control center. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call physician or Poison Control at 1-800-222-1222 if difficulties or discomfort develop.

SECTION 5 FIRE FIGHTING MEASURES

Flash Point:	Not available.
Fire Hazard	Treat as an oil fire.
Extinguishing Media:	Foam, carbon dioxide or dry chemical powder.
Special Fire Fighting Procedures:	Use water spray or fog for cooling exposed containers. Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored. Upon combustion CO and CO ₂ are formed.
Unusual Fire and Explosion Hazards:	Vapors may travel long distances along ground before igniting or flashing back to vapor source. Rags soaked with any solvent present a fire hazard and should always be stored in UL listed or Factory Mutual approved, covered containers. Improperly stored rags can create conditions that lead to oxidation. Oxidation, under certain conditions, can lead to spontaneous combustion.



SAFETY DATA SHEET

SOLVENT CLEANER / SPOT REMOVER

SECTION 6 ACCIDENTAL RELEASE MEASURES

Precautions for Responders	
Industrial Setting	No flames. No sparks. Eliminate all sources of ignition. Wear appropriate Personal Protective Equipment. See Sec. 8 Stop leak if safe to do so. Stop release. Ventilate area.
Spill Containment and Clean-up	
Industrial Setting	Before attempting containment and cleanup, refer to hazard data given. Wet product may be a slip hazard. Stop spill or release at source and contain material. Avoid release to environment. Prevent entry to sewers and public waters. Any disposal practice must be in compliance with local, state, and federal regulations.
Consumer / Household Setting	Small spills can be picked up with absorbent media such as vermiculite, kitty litter or floor absorbent. Contaminated absorbent should be collected in a suitable closed container and disposed of in household trash.

SECTION 7 HANDLING AND STORAGE

Handling	
Industrial Setting	Wear appropriate Personal Protective Equipment (see Section 8).
Consumer / Household Setting	Use as directed on product label.
Storage	Store in original, labeled container. Keep container closed when not in use. Should be stored between 40° and 100°F in order to insure long life of product.
Other	KEEP OUT OF REACH OF CHILDREN AND PETS.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	Not known.
Engineering Controls	General or local ventilation to avoid exposure to potential vapors.
Personal Protective Equipment (PPE)	
Industrial Setting	
Eye Protection	Safety glasses, goggles or face shield.
Skin Protection	Impermeable, solvent resistant gloves.
Respiratory Protection	NIOSH approved respirator if risk assessment indicates this is necessary. Otherwise, good general or local ventilation required.
Consumer / Household Setting	None needed if product is used as directed.
Other Measures	Handle in accordance with good industrial hygiene and safety practices.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid, slightly viscous
Color	Yellow to Amber (characteristic of ingredients)
Clarity	Clear
Odor	Citrus (characteristic of ingredients)
Odor Threshold	Not available.
pH	Not applicable.
Melting Point	Not available.
Freezing Point	Not available.
Initial Boiling Point and Boiling Range	Not available.
Flash Point	Not available.
Evaporation Rate	Not available.



SAFETY DATA SHEET

SECTION 9 (continued)

Upper Explosive Limit (UEL)	Not available.
Lower Explosive Limit (LEL)	Not available.
Vapor Pressure (mmHg)	Not available.
Relative Density (H ₂ O = 1)	.821 - .854
Vapor Density (Air = 1)	Not available.
Solubility in Water	Not soluble.
Partition Coefficient: n-octonal/water	Not available.
Viscosity	Not available.
VOC (weight %)	18 - 28

SECTION 10 STABILITY AND REACTIVITY

Reactivity	Upon combustion, CO and CO ₂ are formed.
Chemical Stability	Stable
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Sources of ignition. Heat sources.
Incompatible Materials	
Industrial Setting	Strong oxidizing agents.
Consumer / Household Setting	Cleaning products should not be mixed with other household chemicals, unless specifically stated in the directions for use.
Hazardous Decomposition Products	See Reactivity in this section. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

Potential Routes of Exposure	Eyes, Skin, Ingestion, Inhalation.
Effects of Acute Exposure	
Oral Toxicity	LD50>5000 mg/kg, estimated based on ingredients.
Dermal Toxicity	Not available.
Inhalation Toxicity	Not available.
Eye Contact	Serious eye irritant.
Skin Contact	Irritant.
Component Information	Refer to Section 3 for ingredient LD50 (acute oral toxicity).
Effects of Chronic Exposure	Not expected to have chronic health effects.
Sensitization	Not expected to be a sensitizer, based on literature of products containing similar ingredients.
Carcinogenicity	Not expected to have chronic health effects.
NTP	No ingredients listed.
IARC	No ingredients listed.
OSHA	No ingredients listed.
Reproductive Effects	Not expected to have chronic health effects.
Teratogenicity	Not expected to have chronic health effects.
Mutagenicity	Not expected to have chronic health effects.
Target Organ Effects	Not expected to have chronic health effects.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	Not known.
Persistence and Degradability	Not known.
Bioaccumulative Potential	Not known.
Mobility in Soil	Low mobility in soil.
Environmental Fate	Soybean Methyl Ester is biodegradable. Limonene (citrus terpenes) can be readily degraded in soil.

SAFETY DATA SHEET

SOLVENT CLEANER / SPOT REMOVER

SECTION 13 DISPOSAL CONSIDERATIONS

Waste Disposal	
Industrial Setting	Dispose of in accordance with Federal, State and Local environmental regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.
Consumer / Household Setting	Residue remaining in container may be discarded in trash. Quantities greater than residue should be disposed of in accordance with local regulations regarding disposal of household chemicals.
EPA Hazardous Waste Number:	None.
EPA Hazard Waste Class:	None.
Empty Containers	Recycle containers when available, otherwise discard in trash.

SECTION 14 TRANSPORT INFORMATION

U.S. DOT (Surface Transport)	Not regulated.
IATA (Air Transport)	No additional information available.
IMDG (Marine Transport)	No additional information available.

SECTION 15 REGULATORY INFORMATION

TSCA	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
SARA 313	This product does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.
Clean Air Act, Sec. 112	This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.
California Proposition 65	This product is not subject to warning labeling under California Proposition 65.



SAFETY DATA SHEET

SECTION 16 OTHER INFORMATION

ABBREVIATIONS

~	Approximately
<	Less than
>	Greater than
≤	Less than or equal to
CERCLA	The Comprehensive Environmental Response, Compensation, and Liability Act
EPA	Environmental Protection Agency
HMIS	Hazardous Materials Information System
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
NA	Not Applicable
NDA	No Data Available
NFPA	National Fire Protection Association
NI	Not Indicated
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PPE	Personal Protection Equipment
SDS	Safety Data Sheet
TSCA	Toxic Substances Control Act

PERSONAL PROTECTION INDEX			
A		G	
B		H	
C		I	
D		J	
E		K	
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

SDS Prepared By	The Clean Environment Co.
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Revision Note(s)	Revised format per 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Disclaimer:

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End of Safety Data Sheet