SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Neutra

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: Soil and stain removal agent for laundry and dry cleaning.

PRODUCT DESCRIPTION: Stain Removal Agent

MANUFACTURER

Adco Professional Products LLC
1706 Ledo Rd.
Albany, GA 31707

Product Information: 800-323-7206 (USA & Canada only)

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) **or** 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) **or** 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flammable Liquids: Category 4
Eye Damage/Irritation: Category 2A
Skin Corrosion/Irritation: Category 2

GHS LABEL ELEMENTS

Symbol(s):

Signal Word: Warning

Hazard Statements:

H227 – Combustible liquid.
H319 – Causes serious eye irritation.
H315 – Causes skin irritation.

Precautionary Statements:

P210 – Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P264 – Wash thoroughly after handling.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 – IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332 + P313 – IF skin irritation occurs: Get medical advice/ attention.
P337 + P313 – IF eye irritation persists: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.
P370+P378 – In case of fire: Use water fog or fine spray, foam, carbon dioxide extinguishers, or dry chemical extinguishers for extinction.
P403+P233+P235 – Store in a well-ventilated area. Keep container tightly closed. Keep cool.

P501 –Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Not available.
Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The specific identities of one or more components of this product are withheld as a trade secret.

Chemical Name	Wt.%	CAS
Trade Secret #1		-
Hexylene glycol	5 - 10	107-41-5
Trade Secret #2		-
Cyclohexanol	1 - 5	108-93-0
Glycol ether EB	1 - 5	108-93-0

COMMENTS:
#2 = glycol ether, <5%

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove contaminated clothing. Wash with water. Consult a physician if irritation persists.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation, redness, burning sensation,.

SKIN: Irritation, redness, burning sensation, swelling, drying, cracking, blisters, pain.

SKIN ABSORPTION: Insufficient data.

INGESTION: Tearing, drowsiness, diarrhea, weight loss. Central nervous system depression

INHALATION: Nose and throat irritation, coughing, shortness of breath.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: NFPA Class IIIA.

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, oxides of sulfur.

FIRE FIGHTING EQUIPMENT: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Contain spill. Avoid breathing vapor. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls/Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13).

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Not applicable.

HANDLING: Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers.

ELECTROSTATIC ACCUMULATION HAZARD: Ground and bond containers when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
Trade Secret #1	**TWA**	NE[1]		NE			
	STEL	NE		NE			
Hexylene glycol	**TWA**	NE		~~NE~~C25			
	STEL	NE		NE			
Trade Secret #2	**TWA**	NE		NE			
	STEL	NE		NE			
Cyclohexanol	**TWA**	50		50[2]			
	STEL	NE		NE			
Glycol ether EB	**TWA**	50[2]		NE[3]			
	STEL						

TABLE FOOTNOTES

1. NE = Not established.

2. Skin notation

3. A3: Confirmed animal carcinogen with unknown relevance to humans.

The specific identities of one or more components of this product are withheld as a trade secret.

ENGINEERING CONTROLS: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, or goggles.

SKIN: Neoprene or Barrier™ gloves.

RESPIRATORY: NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear.

PHYSICAL STATE: Liquid.

COLOR: Light yellow.

ODOR: Bland, Mild

ODOR THRESHOLD: Not available.

pH: 6.5-7.5 (5% in water)

FREEZING POINT: <0°C (32°F)

INITIAL BOILING POINT: 210°F

FLASHPOINT 150°F (TCC)

EVAPORATION RATE: No data available.

FLAMMABILITY (Solid, Gas): Not applicable, this product is a liquid at room temperature.

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: No data available

VAPOR DENSITY: No data available

RELATIVE DENSITY: 1.028

SOLUBILITY IN WATER: Miscible.

PARTITION COEFFICIENT (Log K_{ow}): No data available.

AUTOIGNITION TEMPERATURE: No data available.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: 7.39 cp.

PERCENT VOLATILE: ~85

10. STABILITY AND REACTIVITY

REACTIVITY: No dangerous reactions known.

CHEMICAL STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.

CONDITIONS TO AVOID: High heat.

INCOMPATIBLE MATERIALS: Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning produces toxic and irritating vapors.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Inhalation and skin.

ACUTE TOXICITY (ATE):

DERMAL LD_{50}: > 2,000 mg/kg (rat)

ORAL LD_{50}: > 2,000mg/kg (rat)

INHALATION LC_{50}: Insufficient data available.

CHRONIC

TARGET ORGANS: A component of this product has caused an increase in liver size in animals, which is believed to be an adaptive, not toxic effect; not considered relevant to humans. Components of this product caused effects in the liver, kidney, blood, and spleen in lab animals; the relevance to humans is unknown.

SENSITIZATION: Insufficient data available.

CARCINOGENICITY

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: ACGIH: A3. A component of this product has caused increased incidence of tumors in lab animals; the relevance to humans is unknown.

OTHER: No data available.

REPRODUCTIVE EFFECTS: Components of this product showed some fetotoxicity and effects on reproduction in lab animals exposed to high concentrations. A component also cause paternal spermatogenesis toxicity in rats.

MUTAGENICITY: A component in this may cause DNA damage in animals. The relevance to humans is unknown.

SYNERGISTIC MATERIALS: No data available.

POTENTIAL HEALTH EFFECTS

EYES: Slight corneal injury, blurred vision.

SKIN: Repeated exposure may cause dermatitis, burn.

SKIN ABSORPTION. Insufficient data available.

INGESTION: May be harmful if swallowed. May cause vomiting. In the case of vomiting after ingestion, product may be aspirated into lungs causing chemical pneumonia, which in extreme cases could lead to death. See section 4, First Aid Measures, for more information. May affect blood, kidney, liver.

ASPIRATION HAZARD: There is insufficient data available to classify this product as an aspiration hazard. Follow the precautions under INGESTION.

INHALATION: May affect blood, kidney, liver, central nervous system.

MEDICAL CONDITIONS AGGRAVATED: Pre-existing eye, skin, blood, and respiratory disorders.

GENERAL COMMENTS: Refer to Section 3 for additional information on potential health effects.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Aquatic toxicity is moderate for one component.

PERSISTENCE AND DEGRADABILITY: All components are readily biodegradable.

BIOACCUMULATIVE POTENTIAL: Potential to bioaccumulate is moderate for one component.

MOBILITY IN SOIL: Some components have the potential for high mobility in soil.

OTHER ADVERSE EFFECTS: Insufficient data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not regulated if shipped by ground.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Not regulated if shipped by ground.

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Flammable Liquid, NOS

PRIMARY HAZARD CLASS/DIVISION: Flammable Liquid

UN/NA NUMBER: UA1993

PACKING GROUP: III

PLACARDS: Consult applicable regulations governing air shipments.

LABEL: Consult applicable regulations governing air shipments.

IATA NOTE: Consult IATA for quantity limitations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes. **CHRONIC:** Yes.

313 REPORTABLE INGREDIENTS: Trade Secret #2 and glycol ether EB are reportable.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Not applicable.

STATE REGULATIONS

MASSACHUSETTS

Contains one or more substances regulated by the Massachusetts Substance List.

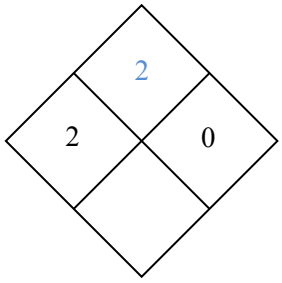
CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	2
FLAMMABILITY:	2
REACTIVITY:	0
PERSONAL PROTECTION:	B

NFPA RATINGS



SDS Revision Date: May 5, 2015