

Material Safety Data Sheet

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For:
The Easthill Group Dba/The Eastwood Company
263 Shoemaker Road
Pottstown,PA 19464
USA & Canada: 800-345-1178
Outside USA: 610-323-2200

Emergency contact: Chem-Trec: 800-424-9300

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SUBSTANCE DESCRIPTION	PER	RCENT	CAS#	NTP	ACGIH	OSHA	IARC	
METHYL ETHYL KETONE ALIPHATIC PETROLEUM DISTILLATE ** ABOVE INGREDIENT CONSISTS	OF THE F	5- 10 1- 5 OLLOWING	78-93-3 64742-89-8 **	N N	7	N N	N N	
METHYL ETHYL KETONE ALIPHATIC PETROLEUM DISTILLATE ** ABOYE INGREDIENT CONSISTS ALIPHATIC PETROLEUM DISTILL N-HEPTANE TOLUENE METHANOL PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	•	50 - 55 20 - 25 5 - 10 20 - 25 1 - 5	64742-89-8 142-82-5 108-88-3 67-56-1 108-65-6	N N N N	N N N N	N N N N	N N N	
TOLUENE XYLENE		50 - 55 1 - 5	108-88-3 1330-20-7	N N	N N	N	N	
** ABDVE INGREDIENT CONSISTS ETHYL BENZENE XYLENE ACETONE ETHYL ACETATE	G1 1+1C 1	15 - 20 80 - 85 10 - 15 1 - 5	100-41-4 1330-20-7 67-64-1	N N N	N N N	N N N	N N N	
SECTION 3.	REGULAT	ORY INFOR	RMATION					
EXPOSURE	LIMITS	REGULATOR	Y INFORMATI	ON				
SUBSTANCE DESCRIPTION	REG .AGC1	(U/M	TWA	STEL		CEIL	SKIN	PEL
METHYL ETHYL KETONE	ACGIH OSHA	PPM PPM	200.00 200.00	300.00 300.00)	N/E N/E	N N	N/E 200.00
ALIPHATIC PETROLEUM DISTILLATE	ACGIH OSHA	PPM PPM	N/E N/E	N/E	<u>:</u>	N/E	N N	N/E
OSHA PEL AS PROVIDED BY SUPPLI	ER.							
ALIPHATIC PETROLEUM DISTILL.	ACGIH OSHA	PPM	N/E	N/E	<u>.</u>	N/E	N	N/E 400.00

KLEAN-STRIP GILLESPIE

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SECTION 3. REGULATORY INFORMATION (CONTINUED)							
N-HEPTANE	ACGIH	PPM	400.00	500.00	N/E	N	N/E
	OSHA	PPM	N/E	500.00	N/E	N	500.00
TOLUENÉ	ACGIH	PPM	50.00	N/E	N/E	Y	N/E
	OSHA	PPM	N/E	150.00	300.00	N	200,00
OSHA PERK CONCENTRATION FOR 8 HR. SHIFT: 500 PPM FOR 10 MINUTES.							
METHANOL	ACGIH OSHA	PPM PPM	200.00 200.00	250.00 250.00	N/E N/E	Ť	N ∕E 200.00
PROPYLENE GLYCOL MONOMETHYL	ACGIH	PPM	N/E	N/E	N/E	N	N/E
ETHER ACETATE	OSHA	PPM	N/E	N/E	N/E	N	N/E
XYLENE	ACGIH	PPM	100.00	150.00	N/E	N	N/E
	OSHA	PPM	100.00	150.00	N/E	N	100.00
ETHYL BENZENE	ACGIH	PPM	100.00	125.00	N/É	N	N/E
	OSHA	PPM	100.00	125.00	N/E	N	100 ₋ 00
XTLENE	ACGIH OSHA	PPM PPM	100 .00 100 .00	150.00 150.00	N/E N/E	N	N/E 100.00
ACETONE	ACGIH	PPM	500.00	750.00	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	1000.00
ETHYL ACETATE	ACGIH	PPM	N/E	N/E	N/E	N	N/E
	OSHA	PPM	N/E	N/E	N/E	N	N/E

ADDITIONAL REGULATORY INFO

The time weighted average (TWA) value described herein is a threshold limit value (TLY) as established by ACGIH. The permissible exposure limit (PEL) is a value established by OSHA.

CALIFORNIA (PROPOSITION #65)

WARNING: Using this product will expose you to Toluene, which is known to cause birth defects and other reproductive harm and to other chemicals which are known to cause cancer and other reproductive harm.

SEC. 313 SUPPLIER NOTIFICATION
The following information must be included in all MSDS that are copied and distributed for this material.

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR 372):

SUBSTANCE DESCRIPTION	PERCENT BY WEIGHT (UPPER LIMIT)	CAS#
METHYL ETHYL KETONE TOLUENE CYCLOHEXANE METHANOL XYLENE ETHYL BENZENE XYLENE AGETONE	(SITEN EIMIT) 10 56 1 25 5 1 4	78-93-3 108-88-3 110-82-7 67-56-1 1330-20-7 100-41-4 1330-20-7 67-64-1

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SECTION 3. REGULATORY INFORMATION (CONTINUED)

CLEAN AIR ACT

This formula contains no known ozone depleting chemicals.

HAZARD COMMUNICATION STANDARD This document is prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200). This MSDS contains thirteen (13) sections.

The following effects and/or symptoms are not expected to be experienced by persons who use this product properly and according to ALL instructions, precautions, and warnings; however, should the product user experience ANY questionable effects or symptoms, the product user should immediately seek medical attention.

SECTION 4. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

Vapor harmful. May cause dizziness; headache; watering of eyes; irritation of respiratory tract; weakness; drowsiness; nausea; numbness in fingers, arms and legs; depression of central nervous system: loss of appetite; fatigue; hallucinations; light headedness; visual disturbances; giddiness and intoxication; sleepiness; cough and dyspnea; cold, clammy extremities; diarrhea; vomiting; dilation of pupils; and spotted vision. Severe overexposure may cause convulsions; unconsciousness; coma; and death. Intentional misuse of this product by deliberately concentrating and inhaling can be harmful or fatal.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

May be absorbed through the skin. May cause irritation; numbness in fingers and arms; drying of skin; and dermatitis. May cause increased severity of symptoms listed under inhalation.

EYE CONTACT ACUTE EXPOSURE EFFECTS
This material is an eye irritant. May cause irritation; burns; conjunctivitis of eyes; and corneal ulcerations of the eye. Vapors may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS
POISON. CANNOT BE MADE NON-POISONOUS. May be fatal or cause blindness. May cause dizziness; headache; nausea: vomiting; burning sensation in mouth, throat and stomach; loss of coordination; depression of the central nervous system; narcosis; stupor; gastrointestinal irritation; liver, kidney and heart damage; diarrhea; loss of appetite; coma; and death.
May produce symptoms listed under inhalation.

CHRONIC EXPOSURE EFFECTS

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. solvents with neurological and other physiological damage. Prolonged or repeated contact may cause dermatitis. Prolonged skin contact may result in absorption of a harmful amount of this material. May cause conjunctivitis; gastric disturbances; insomnia; dizziness; headache; weakness; fatigue; nausea; heart palpitations; skin irritation; numbness in hands and feet; permanent central nervous system changes; some loss of memory; pancreatic damage; giddiness; visual impairment or blindness; kidney or liver damage; and death. May cause symptoms listed under inhalation.

MEDICAL CONDITIONS AGGRAVATED

Diseases of the skin, eyes, liver, kidneys, central nervous system and respiratory system.

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SECTION 4. HAZARDS IDENTIFICATION

(CONTINUED)

PRIMARY ROUTE OF EXPOSURE

Inhalation, ingestion, and dermal.

SECTION 5. FIRST AID MEASURES

INHALATION

If user experiences breathing difficulty, move to air free of vapors. Administer exygen or artificial respiration until medical assistance can be rendered.

Wash with soap and large quantities of water and seek medical attention if irritation from contact persists.

EYE CONTACT

Flush with large quantities of water for at least 15 minutes and seek immediate medical attention.

INGESTION

Call your poison control center, hospital emergency room or physician immediately for instructions to induce vomiting.

NOTE TO PHYSICIAN
POISON. THIS PRODUCT CONTAINS METHANOL.
Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis. This formula is registered with POISINDEX.
Call your local poison control center for further information. Call your local poison control center for further information.

SECTION 6. FIRE FIGHTING MERSURES

HAZARD RATING SOURCE	HMIS	NFPR
HERLTH	2	2
FLAMMABILITY	3	3
REACTIVITY	ø	Θ
OTHER	G	NA

FLASH METHOD TÖC

FLASH POINT 4.00 F

-15.55 C

LOWER EXPLOSION LIMIT

1.00

GENERAL COMMENTS

OSHA FLAMMABILITY: Class IB

EXTINGUISHING METHOD

Use corbon dioxide, dry powder, or foam.

5000

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SECTION 5. FIRE FIGHTING MEASURES (CONTINUED)

FIRE FIGHTING PROCEDURES

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

FIRE AND EXPLOSION HAZARDS
DANGER! EXTREMELY FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, FLAME AND
ALL OTHER SOURCES OF IGNITION. VAPORS MAY CAUSE FLASH FIRE OR
IGNITE EXPLOSIYELY.

Do not smake. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and all other sources of ignition during use and until all vapors are gone. Beware of static electricity that may be generated by synthetic clothing and other Sources.

SECTION 7. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. SMALL SPILLS: take up liquid with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable. LARGE SPILLS: dike far ahead of spill for later disposal.

For transportation related spills contact Chemtrec at 1-800-424-9300 for emergency assistance.

WASTE DISPOSAL

Dispose in accordance with applicable local, state and federal regulations.

SECTION 8. HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near flames or at elevated temperatures.

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

SECTION 9. TRANSPORT INFORMATION

TRANSPORTATION

For D.O.T. information, contact W.M. Barr Technical Services Department.

SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION PROTECTION
Use only with adequate ventilation to prevent build-up of vapors.
Open all windows and doors. Use only with a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering - STOP - ventilation is inadequate. Leave area immediately.

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SECTION 10. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

RESPIRATORY PROTECTION

For OSHA controlled work place and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

SKIN PROTECTION

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

EYE PROTECTION

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

OTHER PROTECTION

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

SECTION 11. PHYSICAL AND CHEMICAL PROPERTIES

56.11 C BOILING RANGE: 133 F - 292 F

YOLATILE %

100,000

by weight

BOILING POINT GT 133.00 F

VAPOR DENSITY (Air = 1.0)Heavier than air

EVAPORATION RATE Slower than ether

BULK DENSITY

lbs/gal at 75 F

pH FACTOR

N/E

PHOTOCHEMICALLY REACTIVE

NΩ

MAX V.O.C.

784 grams per liter (excluding exempt solvents and water)

MAX VAPOR PRESSURE (of the V.D.C.) 82mm Hg at 20 degrees C

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SECTION 12. STABILITY AND REACTIVITY

INCOMPATIBILITIES

Incompatible with strong oxidizing agents, strong caustics, hydrogen peroxide, and nitrates.

DECOMPOSITION

Decomposition may produce carbon monoxide; carbon dioxide; formaldehyde; and unidentified organic compounds in black smoke.

POLYMERIZATION Will not occur.

STABILITY Stable.

SECTION 13. ADDITIONAL INFORMATION

IMPORTANT NOTE

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warrenty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

LEGEND: PPM = parts per million
MG/M3 = milligrams per cubic meter
N/E or NE = none established
GI = greater than N/A or NA = not applicable
TCC = tag closed cup
TOC = tag open cup
TOC = tag open cup
PMCC = Pensky-Martens closed cup
TDLH = Immediately Dangerous to Life and Health

***END OF MSDS ***