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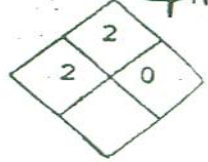
01238-1104



MATERIAL HEALTH AND SAFETY BULLETIN

Union Chemicals Division
Petrochemical Group

Mineral Spirit



UCD No.: 853
Product Code No.: 1005

CAS 64742-47-8

UN No. 1255

MANUFACTURER'S NAME Union Chemicals Division, Union Oil Company of California	
STREET ADDRESS 1345 North Meacham Road	
CITY, STATE, AND ZIP CODE Schaumburg, Illinois 60196	Business Phone: (312) 885-5450
EMERGENCY TELEPHONE NO. Transportation Emergencies call CHEMTREC (800) 424-9300 Health Emergencies Call Los Angeles Poison Control Center (24 hours) (213) 664-2121	

<p>PRODUCT: Regular Mineral Spirits</p> <p>COMMON NAME: AMSCO Solv 1005</p> <p>GENERIC NAME: Volatile Solvent</p> <p>CHEMICAL NAME: Not Applicable</p> <p>CHEMICAL FAMILY: Hydrocarbon mixture</p> <p>DOT PROPER SHIPPING NAME: Not Applicable</p>	<p>WARNING STATEMENT: CAS# 64742-47-8 Caution Combustible. DO NOT induce vomiting if swallowed. For industrial use only.</p>
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V-1895

Section I - INGREDIENTS

	TLV*		TLV*
Stoddard Solvent	500		

* Threshold Limit Value
Item Numbers: 01238-1104

A, OSHA

B, ACGIH

C, See Section III

D, Other

Section II - EMERGENCY AND FIRST AID PROCEDURES**EMERGENCY:** Have a physician call LOS ANGELES POISON CONTROL CENTER (24 hrs.) 213/684-2121

Eye Contact	If this product comes in contact with the eyes, flush with large quantities of water for at least 15 minutes and seek immediate medical attention.
Skin Contact	If this product comes in contact with the skin, wash with soap and large quantities of water. Seek medical attention if irritation from contact persists.
Inhalation	If breathing difficulties, dizziness, or lightheadedness occur when working in areas with high vapor concentrations, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.
Ingestion	If this product is swallowed, DO NOT induce vomiting. Seek immediate medical advice and/or attention.

Section III - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

Eye Effects	This product may be an eye irritant.
Skin Effects	This product may cause skin irritation upon prolonged or repeated contact.
Systemic Effects	Various studies have shown a possible association with exposure to this product and the following: Respiratory tract irritation Central nervous system depression in high concentrations

Section IV - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	The use of respiratory protection depends on vapor concentration above the time-weighted TLV; use a NIOSH approved cartridge respirator or gas mask.		
Ventilation	General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions such as respiratory masks or environmental containment devices may be required in extreme cases.		
Protective Gloves	The use of impermeable gloves is advised to prevent skin irritation in sensitive individuals.	Eye Protection	Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact, irritation, or injury.
Other Protective Equipment	Impermeable aprons are advised when working with this product. The availability of eye washes and safety showers in work areas is recommended.		

Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid:
	Stable	X	
Incompatibility (Materials to Avoid)	This product is incompatible with strong oxidizing agents, strong acids or bases and selected amines.		
Hazardous Decomposition Products	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide		
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	

Section VI - SPILL OR LEAK PROCEDURES**HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC 800/424-9300**

Precautions In Case of Release or Spill	Keep sources of ignition and hot metal surfaces isolated from the spill. Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbant.
Reportable Quantity	Notify Coast Guard National Response Center; Phone No. 800-424-8802, if Spill is Greater Than _____ lbs (Kilograms)
Waste Disposal Method	Dispose of _____ product in accordance with applicable local, county, state and federal regulations.
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Section VII - STORAGE AND SPECIAL PRECAUTIONS

Handling and Storing Precautions	Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. (See Section IV.)
Other Precautions	Personnel should avoid inhalation of vapors. (See sections I, II, III, V, VI) Personal contact with the product should be avoided. Should contact be made, remove saturated clothing and flush affected areas with water. (See sections II, IV, VI)

Section VIII - FIRE AND EXPLOSION HAZARD DATA

DOT Flammability Classification	Combustible Liquid	Flash Point Range: <input type="checkbox"/> Below 20° F, <input type="checkbox"/> 20° F - 100° F <input checked="" type="checkbox"/> 100° F - 200° F <input type="checkbox"/> Over 200° F <input type="checkbox"/> None to Boiling
Extinguishing Media	Use foam, CO ₂ or dry chemical fire fighting apparatus.	
Unusual Fire and Explosion Hazards	Keep work areas free of hot metal surfaces and other sources of ignition.	
Fire Fighting Procedures	The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.	

Section IX - PHYSICAL DATA

Approximate Boiling Range, ° F	310° - 405°	Vapor Density: <input checked="" type="checkbox"/> Heavier Than Air <input type="checkbox"/> Lighter
Evaporation Rate: <input type="checkbox"/> Faster Than Ether <input checked="" type="checkbox"/> Slower	Percent Volatile: 100%	Solubility in Water: Negligible
Specific Gravity: <input checked="" type="checkbox"/> Lighter Than Water <input type="checkbox"/> Heavier	Weight per Gallon: 6.55	
Appearance and Odor:	This product is clear, has little if any color and has a characteristic odor.	

Section X - DOCUMENTARY INFORMATION

Product Code No. 1005	Issue Date 10/20/80	Prepared By Paul Pfeifer
UCD No. 261	Product Code No. 1005	Issued 12/79
Reviewed By: <i>[Signature]</i>	Manager, Loss Prevention	
Reviewed By: <i>[Signature]</i>	Director of Occupational Health & Toxicology	
Reviewed By: <i>[Signature]</i>	Science and Technology Division	

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