



QUICK IDENTIFIER (In Plant Common Name)

DYNASOLVE M-10

Manufacturer's Name	DYNALLOY, INC.	Telephone No.	(201) 887-9270	24 Hour Emergency Assistance	CHEMTREC: 800-424-9300
Address	7 GREAT MEADOW LANE, HANOVER, N.J. 07936	Telex No.	N/A	Fax	(201) 887-3678
Preparer's Name	JAY W. PARTON	Date Prepared	4/93		

SECTION 1 - IDENTITY

Common Name: (used on label)	DYNASOLVE M-10	Cas No.	64742-47-8
Chemical Name	PETROLEUM SOLVENT	Formula	N/A
DOT Hazard Classification (49 CFR)	COMBUSTIBLE LIQUID	Proper Shipping Name	COMPOUND, CLEANING LIQUID
UN or NA Number	NA 1993	IATA Article Number	N/A
Chemical Family	SOLVENT		

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	Cas No.	WT %	Threshold Limit Value (units)
HYDROTREATED LIGHT DISTILLATE, PETROLEUM	64742-47-8	100	300 PPM TWA (RECOMMENDED)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point	401 - 490°F	Specific Gravity (H ₂ O=1)	0.774	Vapor Pressure (mm Hg)	LESS THAN 2 AT 25°C
Percent Volatile by Volume (%)	100	Evaporation Rate (BU AC = 1)	LESS THAN 0.1	VOC Content	774 g/l (MIXTURE)
Solubility in Water	LESS THAN 0.1%	Reactivity in Water	N/A	pH	8.7
Appearance and Odor	CLEAR LIQUID, NO ODOR.				
Flash Point	160°F CC	Flammable Limits in Air % by Volume	Lower 0.6 Upper 7.0	Extinguisher Media	FOAM, WATER FOG, CO ₂ , DRY CHEMICAL
Special Fire Fighting Procedures	MINIMIZE BREATHING GASES, VAPOR, FUMES, OR DECOMPOSITION PRODUCTS. USE AIR-SUPPLIED BREATHING EQUIPMENT FOR CLOSED OR CONFINED SPACES OR AS OTHERWISE NEEDED. WATER MAY BE INEFFECTIVE, BUT WATER SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS, AND FLUSH THE SPILL AWAY FROM EXPOSURES.				
Unusual Fire and Explosion Hazards	THIS LIQUID IS VOLATILE AND GIVES OFF INVISIBLE VAPORS. EITHER THE LIQUID OR VAPOR MAY SETTLE IN LOW AREAS OR TRAVEL SOME DISTANCE ALONG THE GROUND TO IGNITION SOURCES WHERE THEY MAY IGNITE OR EXPLODE				

SECTION 4 - PHYSICAL HAZARDS

Stability	Unstable <input type="checkbox"/> Conditions Stable <input checked="" type="checkbox"/> to Avoid	Incompatibility (Materials to Avoid)	OXIDIZERS, LIQUID CHLORINE, CONCENTRATED O ₂ , SODIUM HYPOCHLORITE, CALCIUM HYPOCHLORITE
Hazardous Decomposition Products	FUMES, SMOKE, CO, ALDEHYDES	Hazardous Polymerization	May Occur <input type="checkbox"/> Conditions Will Not Occur <input checked="" type="checkbox"/> to Avoid N/A

HMS RATINGS: HEALTH - 1, FLAMMABILITY - 2, REACTIVITY - 0

SECTION 5 - HEALTH HAZARDS

Signs and Symptoms of Exposure	I. Acute Overexposure	IRRITATION TO EYES AND RESPIRATORY TRACT. HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, CENTRAL NERVOUS SYSTEM EFFECTS.				
2. Chronic Overexposure	SKIN IRRITATION, DERMATITIS.					
Medical Conditions Generally Aggravated by Exposure	SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.					
Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit	N/A	ACGIH Threshold Limit Value	N/A	Other Exposure Limit Used	N/A	
Emergency and First Aid Procedures						
1. Inhalation	REMOVE TO FRESH AIR. IF BREATHING IS IRREGULAR OR HAS STOPPED, GIVE ARTIFICIAL RESPIRATION AND/OR OXYGEN. CALL A PHYSICIAN.					
2. Eyes	FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN.					
3. Skin	REMOVE CONTAMINATED CLOTHING. WASH THOROUGHLY WITH SOAP AND WATER. CALL A PHYSICIAN.					
4. Ingestion	DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.					

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	NORMALLY NOT NEEDED AT AMBIENT TEMPERATURES. USE SUPPLIED-AIR RESPIRATORY PROTECTION IN CONFINED OR ENCLOSED SPACES.					
Ventilation	Local Exhaust	WELL VENTILATED AREA	Mechanical (General)	EXHAUST HOOD	Special EXPLOSION PROOF	Other N/A
Protective Gloves	CHEMICAL RESISTANT GLOVES (VITON)			Eye Protection	CHEMICAL GOGGLES	
Other Protective Clothing or Equipment	CHEMICAL RESISTANT APRON					

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage	KEEP CONTAINERS CLOSED. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME, OR STRONG OXIDANTS. AVOID BREATHING VAPOR OR MIST. AVOID CONTACT WITH SKIN. USE PROPER GROUNDING FOR ALL CONTAINERS.				
Other Precautions	THOROUGHLY LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING. EMPTY PRODUCT CONTAINERS MAY CONTAIN PRODUCT RESIDUE. DO NOT PRESSURIZE, CUT, HEAT, WELD, OR EXPOSE CONTAINERS TO FLAME OR OTHER SOURCES OF IGNITION.				
Steps to be Taken in Case Material is Released or Spilled	ELIMINATE ALL IGNITION SOURCES. VENTILATE THE AREA. CONTAIN SPILL. CLEAN UP AREA (WEAR PROTECTIVE CLOTHING) USING A NON COMBUSTIBLE ABSORBENT MATERIAL. PLACE IN A CLOSED CONTAINER. FLUSH AREA WITH WATER. KEEP OUT OF SEWERS AND WATERWAYS.				
Waste Disposal Methods	DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.				

SECTION 8 - REGULATORY AND ADDITIONAL INFORMATION

1.	FOR IATA PURPOSES, THIS MATERIAL IS NOT REGULATED. FLASH POINT IS ABOVE 140°F, CC.	
2.	LABORATORY ANIMAL STUDIES HAVE SHOWN THAT PROLONGED AND REPEATED INHALATION EXPOSURE TO LIGHT HYDROCARBON VAPORS IN THE SAME NAPHTHA BOILING RANGE AS THE HYDROTREATED LIGHT DISTILLATE, PETROLEUM CAN PRODUCE ADVERSE KIDNEY EFFECTS IN MALE RATS. IN A NUMBER OF HUMAN STUDIES, THERE WAS NO CLINICAL EVIDENCE OF SUCH EFFECTS AT NORMAL OCCUPATIONAL LEVELS.	
3.	SARA 313 NOTIFICATION: THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR 372:	
	CHEMICAL NAME	CAS NO. UPPER BOUND CONCENTRATION % (WT)
	NONE	

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.