

# ULVAC R-7000

## Material Safety Data Sheet

December 2010

For Chemical Emergency Call Chemtrex 800-424-9300

- 1. Substance/Company Identification**      PRODUCT NAME:      **ULVAC R-7000**
- DISTRIBUTOR:      ULVAC Technologies, Inc  
401 Griffin Brook Drive  
Methuen, MA 01844  
(978) 686-7550
- 2. Composition/ Ingredients**      CHEMICAL NAMES AND SYNONYMS:      Alkylated Aromatic  
Olefin Polymer
- Distinction of substance or mixture: Mixture  
Globally Reportable MSDS Ingredients: None  
Note this product may contain a maximum of 900 ppm naphthalene
- 3. Hazards Identification**      Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines.  
EMERGENCY OVERVIEW: Straw Liquid. DOT ERG No. : NA SEC:0  
POTENTIAL HEALTH EFFECTS: No significant effects expected.
- 4. First Aid Measures**      SKIN: Wash with soap and water.  
EYES: Flush with water. If irritation occurs, call a physician.  
INGESTION: If swallowed, do not induce vomiting.  
Small amounts in mouth may be washed out. If uncomfortable seek medical assistance.  
INHALATION: Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs seek immediate medical assistance. If breathing has stopped, assist ventilation with bag-value-mask device or use mouth-to-mouth resuscitation.
- 5. Fire Fighting Measures**      FLASH POINT: 225C  
METHOD USED: Open Cup  
EXTINGUISHING MEDIA: Water fog, chemical foam or carbon dioxide.  
SPECIAL FIREFIGHTING PROCEDURES: Water or foam may cause frothing Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilute from entering streams, sewers, or drinking water supplies. Wear breathing gear when fighting fires in enclosed spaces  
UNUSUAL FIRE AND/OR EXPLOSION HAZARDS: None
- 6. Accidental Release Measures**      PROCEDURE TO BE FOLLOWED IN EVENT OF RELEASE: Small spills may be wiped up with a rag. Large spills should be picked up immediately with an absorbent.
- 7. Handling and Storage**      HANDLING: None known No special precautions are necessary beyond normal good hygiene practices.  
STORAGE: Do not store in open or unlabeled containers. Store away from oxidizing agents or combustible material.
- 8. Exposure Controls/Personal Protection** This product does not contain any components which have recognized exposure limits.

RESPIRATORY PROTECTION: No special requirements under ordinary conditions of use and with adequate ventilation.  
VENTILATION: Good general ventilation at source of vapor.  
PROTECTIVE GLOVES: Yes - made of oil-impermeable rubber  
SAFETY GLASSES/GOGGLES: Yes - glasses should have side shields  
OTHER PROTECTIVE EQUIPMENT: None should be required under normal use.

**9. Physical & Chemical Properties**

PHYSICAL STATE: Liquid  
BOILING POINT: NE  
POUR POINT: -39 C  
EVAPORATION RATE : NE  
VAPOR DENSITY: NE  
SPECIFIC GRAVITY: 0.91  
VISCOSITY: 70 cst @ 40 C  
SOLUBILITY IN WATER: Negligible  
COLOR: Straw  
NA: Not applicable  
NE: Not established

**10. Stability & Reactivity**

STABILITY: Material is stable  
CONDITIONS TO AVOID: Continuous exposure extreme heat  
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers  
HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide.  
HAZARDOUS POLYMERIZATION: will not occur

**11. Toxicological Information**

ACUTE ORAL LD50(MG/KG): >5 g/kg practically non-toxic  
ACUTE DERMAL LD50: >2 g/kg practically non-toxic  
ACUTE INHALATION: Not established  
ACUTE EYE: Practically non-irritating

**12. Ecological Information**

ECOTOXICITY:  
Acute LC/EC50: 5,173 ppm - Juvenile Rainbow Trout (Virtually non-toxic (EC50: >5000ppm)). 5,014 ppm Juvenile Sheepshead Minnow (Virtually non-toxic (EC50 >5000ppm)).  
MOBILITY: Not Established.  
DEGRADABILITY: Biodegradability of this material is greater than or equal to 20%. This material is inherently biodegradable.  
BIOACCUMULATIVE POTENTIAL: Not Established.

**13. Disposal Considerations**

Product and packaging must be disposed of in accordance with Federal, State and local regulations.

**14. Transport Classification**

USA DOT: Not regulated  
RID/ADR: Not regulated  
IMO: Not regulated  
IATA: Not regulated

**15. Regulatory Information**

US OSHA HAZARD COMMUNICATION STANDARD: Product assed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.  
EU Labeling: Not required.  
Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, METI, and DSL.  
U.S. Superfund Amendments and Reauthorization Act (SARS) Title III: This product contains no "Extremely Hazardous Substances".  
SARA (311/312) REPORTABLE HAZARD CATEGORIES: None  
This product contains no chemicals subject to the supplier notification requirements of SARA (313) toxic release program.

The following product ingredients are cited on the lists below:

Chemical Name	CAS Number	List Citations
NAPHTHALENE	91-20-3	16, 22

(Component Analysis <0.09%)

-----REGULATORY LISTS SEARCH-----

1=ACGIH ALL	6=IARC 1	11=TSCA 4	16=CA P65 CARC	21=LA RTK
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2	17=CA P65 REPRO	22=MI 293
3=ACGIH A2	8=IARC 2B	13=TSCA 5e	18=CA RTK	23=MN RTK
4=NTP CARC	9=OSHA CARC	14=TSCA 6	19=FL RTK	24=NJ RTK
5=NTP SUS	10=OSHA Z	15=TSCA 12b	20=IL RTK	25=PA RTK
				26=RI RTK

Code key: CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=reproductive

**16. Other Information**

**NFPA RATING**

FLAMMABILITY	1
HEALTH HAZARD	0
REACTIVITY	0
SPECIAL HAZARD	NONE